

THE AMERICAN NATURALIST.

A Popular Illustrated Magazine of Natural History and Travel.

Letters on business connected with THE AMERICAN NATURALIST should be addressed to the Publishers,
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EDITORIAL OFFICE OF THE AMERICAN NATURALIST,

SALEM, MASS., *March 19* 1878

Dear Sir:

I am desirous of getting occasional notes from our botanists for the Naturalist and would like to have an occasional fern-note from you. Could you not kindly agree to send me ^{few} notes? I can only offer as a return a copy of the Naturalist for the current year. If you could send me three or four pages in all, only, for one year, it would be useful.

Yours very truly,
A. S. Packard Jr.

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PROVIDENCE, R. I., Jan. 24 1882

Dear Mr. Davenport.

We shall much like your paper on Cheilanthes, and will give you any necessary new cuts. Please send it soon - if you desire it for April Nat. \$50 for that plate of Dr. Allen (per 1000) is a tremendous price, it seems to me - I don't see how we can afford it - if he is to print it in a book afterwards - but I will see what can be done.

I sent your paper on 'Internal Visual Phenomena' to Prof. Cope - as I didn't know exactly whether it would be sufficiently in our line to be available - I have written him again in regard to it.

Smith I know Mr. Leander Stone's address. I do not find it in the Nat. Directory -

Yours very truly,
A. S. Packard, Jr.

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St. George Utah

Jan. 4th 1876

Gen. E. S. Lavenport,

Dear Sir,

Your letter of the 22nd inst.
Just recd, & contents noted. In
reply, would say that the two
Vitholenas you want, Pargii
& Tanera, are both collected by
me in considerable numbers.
They were somewhat shrivelled
up, owing to the dryness of
the season. A few hours previous
to the arrival of your letter, all
my collections were forwarded to
Prof. Gray.

In the collection
made by me in Southern
California, is several species
of ferns. You may consult

Prof Gray; whatever arrangements you make with him for specimens of ferns will be satisfactory to me.

I shall leave this place in a day or two, for San Bernardino. Should I find any of the ferns you desire it will give me pleasure to communicate with you ^{regarding} ~~the~~ the same.

Yrs Very Truly

Edward Palmer

Guaymas Mexico Aug 26-1887

George V. Davenport Esq

Dear Sir

Your card of May 17 was forwarded to me at this place.

Many thanks for the Photographs you kindly sent me I shall see them on my return to Washington. I have no ferns of any kind on hand, but be assured you will get a set of all I find in Mexico now. So far my collecting here has been confined to a few cultivated gardens artificially watered as vegetation has been all dried up on the entire country for near three years as only a few slight showers of rain have fallen during that time. A change is now being effected by the two good showers of rain which have fallen during the past ten days

so I may soon expect to go to the mountains after ferns

This is a very trying country to collect in so hot you must sleep out of the house And by day you must have all doors and windows open owing to the great heat so in changing driers the wind often play me such tricks to exclude it is so suffocate As the rains have fallen so late it is probable my collecting will not be concluded before mid winter or spring, at all events you will hear from me on my return to Washington

Yours truly
Edward Palmer

Washington Mar 2nd 1888

George. E. Davenport
Dear Sir

I returned from Mexico
beginning of February but finding Washing-
ton so cold went to Florida and on
getting back found so many things aw-
aiting my attention Among them the
package of pictures you kindly
sent me. I have a small set of last
years (Guadalajara) plants unsold
this I have opened taken out the
ferns and sent to you, if you have
them and ~~do~~ not care for more of the
same send them to Pringle as I
have sent him the set of plants from
which these were taken, My this
years ^{collection} set of plants has come to hand
and will soon sort a set for Watson to
determine Then they will be put into sets

And in due time you shall have
a specimen of all the ferns they
only amount to six species this
year as the country is so barren and
dry

Could you forward me copies of the
following Photographs and let me know
the price.

- x Crossing the mesa
- x Left on the Desert.
Mesquite forest
- x Scene in the Santa Catalinas
View of the Desert
- x Scene in the Santa Pitas.

Have you any Western or Mexican
views not enumerated in the card you
sent me

Yours truly
Edward Palmer

Washington Apr 17. 1885

GD 1.4

Geo. E. Davenport Esq

Dear Sir

You are very welcome to both lots of ferns sent you, hope your eyes will improve so you can prosecute your researches among the Ferns. You make the following statement

I am especially interested in the ferns from Lost Angeles Bay as I find herein Eaton Notho California apparently recognised by him as *N. cretacea* Lieb and right.

The express words used by Eaton are as follows. *Notholaëna cretacea* Liebmann
N. kalifornica D. G. Eaton.

In looking over your list of Arizona and Mexican Photographs printed on a card which you sent me with some pictures last summer, ten in number Could you send me the following selected from the list on the card
Agave Palmeri. *Quercus Emoryi*
Dasylirion Wheeleri. *Crossing the mesa*

Left on the Desert. Mesquite Forest
Scene in the Santa Catalinas and the
View of the Desert

If you have any other views not
mentioned on that card Arizona, Mex-
ican, or Western please let me know

Last Summer you sent me
Cereus Pringlei & *C. giganteus* & *C. Thurberi*.
Yucca Baccata. *Opuntia Whipplei*
O. Angustata. *Opuntia fulgens*.
Echinocactus Emoryi. & *E. Wislizeni*
Pinus Arizona.

Please address me Care of
Dr. George Vasey Department of
Agriculture Washington D. C.

Yours very truly
Edward Palmer

Washington City D.C.

Feb 7 - 1900

Prof George E. Davenport

My Dear Sir

Some months since in putting
the plants of my last Collection (1898) into
sets - a package of Ferns was made up
for you - it was not the intention for the
Ferns to be returned only a list of the names
with the numbers attached there to

If the package was received by you would
you forward the names as soon as you can
the plants was collected about Chetillo
and San Luis Potosi Mexico mainly

Yours Sincerely

Edward Palmer

Care of Dr. J. H. Rose

Department of Agriculture

GD 1.6

1901

[Faint handwritten notes at the bottom of the page]

Collected about Guaymas in the
State of Sonora Mexico

226 Fern Shady rocky ledges ~~and~~
Pellaea Seemanni, Hook.
under bushes seen only in three
places in the mountains, September - 1887

225 Fern Rocky ledges among bushes
Cheilanthes Pringlei, Sav.
in mountain chains October - 1887

266 Among stones somewhat shaded,
Notholaena Lemmonii, Eaton
by large bushes in higher mountains
October - 1887

none of the above ferns are at all
plentiful in fact it requires a
good deal of hunting to find what
I collected - Domestic animals
especially goats & sheep destroy
so much

Los Angeles Bay Lower California
200 miles North West from Guaymas

November 20 to 30th 1887

552 Fern found growing among and un-
Notholaena ciliata, *Lindman*
der rocks, not very shady mountain
sides - by no means common

553 note of 552 apply to this plant also
Cheilanthes macrophylla, Sav

554 Fern A scarce plant grows
under shelter of large rocks.
Pellaea Wrightiana Hooker.

Prof. D. C. Eaton has
determined my last year's ferns
and I send you numbered specim-
ens of all corresponding to this
list - When you have the
Photographs ready send them
care of Dr. George Vasey, Depart-
ment of Agriculture, Washington

commence to put
plants into sets, so sent
you the ferns. Now - hope
by the beginning of May to
start West.

Yours truly
Edward Palmer

Care of
Dr. George H. Rouse
Department of Agriculture
Washington
D. C.

send you by this mail a package con-
-taining ^{a few} for the most part, very imperfect
specimens, rather with the hope that
you will kindly correct or confirm
my nomenclature, than with the ex-
-pectation that they will be of any value
to you. Of the two forms of *A. emargin-*
-atum enclosed, the one marked "B"
is most common, a few forms of form "A"
are sometimes found growing with "B"
but in the place where these specimens of
"A" were gathered the whole bed, quite a
large one, ^{was} of the "A" form. Both
are from localities on Lytle Creek,
about half-a mile apart. There are
three or four small forms, the names of
which I do not know, which I should
like to forward to you sometime
for identification.

Cheilanthes viscida I do not
know, but suspect it to be a fern I
have heard of as "growing only in
^{White} Sweetwater cañon", a stream flowing
from the east side of San Bernardino

San Bernardino, Cal
9 June 1899

Dear Sir:-

The copy of your catalogue,
kindly forwarded, arrived a few
days ago, and affords me great
satisfaction. It seems to me very
valuable. Permit me to note two
typographical errors in names of
places in this vicinity: p. 13, 14, for
Cajon Pass read Cajon; p. 12 for
Agua Caliente read Agua.

I enclose, with thanks, the price in
stamps.

In answering your postal card I
must premise by saying that my
scientific knowledge of ferns is very
limited; the little I know about them
has been gathered by visiting them

in their homes, and is confined to those of this vicinity.

The most widely distributed of our ferns are Polypodium Californicum, Pellaea andromedaefolia, and Gymnogramme triangularis. Of the last I have seen here only the yellow form, but the white occurs in San Diego. These three ferns seem to be able to adapt themselves to the greatest varieties of circumstances and may be found almost anywhere in our hills. A little less ~~was~~ commonly seen, but to be found in most places suited to their natures, we have Woodwardia radicans var. Americana, Aspidium minutum, Alpidium v. argutum, Pteris aquilina v. laqueosa, and, I think, another variety ^{of P. aquilina}. Our other ferns, in common with the species of other orders of plants, are very

much localized. Hills and cañons with abundant in species, which ^{affinity, ques} ~~in~~ of like exposure, geological conditions, altitude &c., are rare or absent. A little hill, Sliver Mt, which a man can go all over in four hours, affords two species which I have not seen elsewhere; Polystachya Hookeri (?) and another, the name of which I do not know, perhaps a Cheilanthes. Elsewhere we have S. Newberryi, ~~and~~ Pellaea Bristeri, and another sp. of Pellaea, perhaps Wrightiana. In the cañon of Little Creek Cheilanthes Wend-
leri, Cystopteris fragilis, and a ~~variety~~ ^{species} of Adiantum, with a beautiful palmated form borne on a stem 12-18 in. high, are abundant, but very rare elsewhere. Besides these we have Adiantum emarginatum (Chelone).

I regret that I have no good duplicates by me, but I have ventured to

It, and so ~~is~~ agreeing with the
locality given in your catalogue.
I intend to visit it, perhaps this
summer.

It will afford me pleasure
to collect and forward to you
specimens of such of our ferns
as you may desire. It is rather
late now to get good specimens
of the "dry" kinds, as most of them
get well shrivelled in the summer,
but by next spring I could procure
you good specimens of most sorts -

Should be pleased to exchange
with you, especially if you have to
spare any of the "drought-resisting"
species of the South West, as it would
not surprise me to meet with
some of them here. It is not often
that one explores a new canon in
this country without finding
some novelty of the floral
kingdom to reward him - We
have a few scattering fern specimens

of several Arizona and New Mexico
plants, e.g. the Mesquite tree, which
is here rare and small -

Respectfully Yours

Samuel B. Parish.

P.O. Box 444 -

San Bernardino, Cal.
27 Oct. 1879-

My dear Sir:-

Your favor of the 6th reached me some days ago, but I have not before had time to thank you for it until today. I am somewhat

mixed in my Aspidium - rigidum, and munitum, and so in order to make sure whether it was inadvertance or ignorance in marking my other ~~sarapli~~ specimens I send you a frond of Aspid. munitum

I am sorry my fern No. 2, which you think perhaps Aspid. munitum var. imbricans was so imperfect. It and the Polypodium were procured on a horse back ride through the mountains, & with nothing but a newspaper

to wrap them in. I got all
there were ^{a few only} in that spot of both,
but did not make a search
in the neighborhood. It is 75
miles in the mountains. I may
perhaps go there next summer,
and with it, make a good
search for it. I brought home
some roots, which I planted
with a lot of other ferns; the
Aspidium has not yet shown
itself. I send you all the
dry specimens I have remaining.
My dwarf *Polyp. Californicum* (?) is
growing & I send you some
living specimens, & for a com-
parison some of the common
form. The dwarf one appears
to have a considerable difference
in its habit of growth: the old
forms, which were somewhat

wilted when the roots were planted,
regaining, ~~there~~ to a certain extent,
their vitality, while ~~the~~ with
the common form they usually
under such circumstances die -
I suspect it of being perennial -

I will try to procure you
some more of our *Pellaea Wrightiana* [?]
The only locality I know is quite
distant in the mountains. Since
sending to you I am told by a
friend that he had sent some
to Prof. Eaton, who made the
same request that you have,
viz, for more & rooted specimens.
They were sent, but have not
yet been heard from -

I send you some sections
of our common form of *Pteris*.
I am afraid my "other form"
is simply a lighter one
produced by a shaded sit-

vation, as I have in some trees
to find a perfect form -
I visited the other day the
Museum of Natural Science and
found a man was holding up
then white clouds just as
waiting for a rain. Then from
although so dry that they smelt
at the back, again there was at
the first strongly working. They grow
on the southern exposure of a cliff
of dark limestone, but only exposed
to the fierce glare of the sun
and without a drop of moisture
from May till November. Is it not
strange that it is not better?
Thanks for your kind offers
to exchange, but I write just to
and you something to exchange.
for. Do you care for being
observers of any of our forms?
Very truly yours J. S. Henshaw

(San Bernardino, Cal. 18 Feb '88

Dear Mr Sorenson,

You will receive with this a package of specimens of Ferns. The Cheilanthes viscosa, especially, are not as good as I cared wish they were. They were gathered too early; about April would be the best time, now the young growth is just begining to put forth, and the only fronds that can be collected are old ones, that have been all withered and curled up last summer, but have been freshened up by the winter rains. They are generally imperfect and very tender. It is a very troublesome fern to press, its viscosity causes it to adhere to the papers, rendering it impossible

to straighten a disarranged frond,
and difficult to detach one, even
when quite dry. I hope, how-
ever, that they may be of some
use to you, as I shall not be
likely to have a chance to
send you any more this year.

They are very scarce ~~here~~ so
far as I observed on the Whitewater,
and in neighbouring cañons, where
I had hoped I might find them,
they are not to be seen. They
grow in sheltered crevices of rock,
in narrow and shady ravines, where
the sun cannot strike them.

The rock is granitic. Whitewater is
a small stream, rising on the East
side of San Bernardino Mts., and running
through bare hills to the Colorado
desert, where it sinks, a mile or
so from its mouth. Ch. viscidus
is found near the mouth, in the
cañons of the West side.

On all the hills on both sides

2

favor. It grows here, but I
cannot seem to find it. I
always prove U.S. Cap. Ven. I
live in refs of the 2d Vol
of the Botany of California.
This spring, when I shall have
something to refer to on filices,
as well as other ineditæ
orders that perplex me.

Very truly yours,

Saml. B. Parish.

P.S. I have not forgotten the
roots of Ch. Fendleri. They will
come in time.

of the desert is that ~~neighborhood~~ region there is plenty of Notholaena Parryi and N. candida, the former likes to grow under the edge of a boulder, that is bedded in the earth, but the latter prefers a seam in the rock, where it can get the full heat of the sun. Besides these the only ferns I saw in that region were Gymnocarpium triangulare, the silver variety only, while here at home we have only the gold — Pellaea brachioptera, both rare, and plenty of Cheilanthes Fendleri (?), especially a ^{few miles} ~~little~~ back in the hills. The desert itself did not even have a Pellaea, though one might expect it there.

You may form some idea of the winter climate of the region from the fact that we collected (Jan 10-15) nearly 50 species of plants in flower, including such

as *Yucca baccata*, *Albionia umbellata* &c. As for its summer climate an oven affords the nearest earthly comparison.

I can get you this spring some more Ch. Cooperae, & Notth. candida, if you want them, or any other of our ferns. If you put any of them in the Herb. they should be accredited to "Parish Bros.", as my brother, Mr. W. P. Parish, and myself do all our botanical work together.

You have often kindly offered to send me some specimens, and in order that I may avail myself of your goodness, I enclose a check list on which I have marked out what I now have, ^{and} ~~so that~~ I would be glad to get any of the others. If you could send me a specimen of Ad. Emarginatum, although a poor one, it would be a great

4 San Bernardino Cal
19 Apr 1880
Dear Mr. Davenport:

I have just come
back from the desert,
and you will perhaps be
glad to learn that I
discovered a new station
for *Ch. visciosa*. It is
at Agua Caliente, across
the desert and about
14 miles from the original
find. It is very scanty,
for I only found 4 specimens
in half a day's hard search.
I think there is another
cañon when I can discover
it when I have time to
look it up.

As soon as my specimens
are dry I will send you
some. Could you oblige
me with a specimen of
true *Ch. Fendleri*, the un-
doubted plant?

Yours truly J. B. Parish



WRITE THE ADDRESS ON THIS SIDE-THE MESSAGE ON THE OTHER



Mr. Geo. E. Doremus
8 Hawthorn Plac
Brooklyn
Mass

4
1
San Bernardino, Calif.

23^d June 1880-

Dear Mr. Davenport,

I should have sent
some time ago the little
package of ferns which I mail
today. But before they were
dry enough to pack I had an
opportunity to go down to the
Mexican line, and have just
returned.

You
will be glad to learn that I am
— my brother & myself — this evening at
third, and abundant station for your
Ch. viscosa. It is at Mountain
Springs, 80 miles SE of San Diego, on
the line of the U.S. Military Telegraph
to Ft. Yuma, and but a few miles
from the Mexican line. It is
on the edge of the desert, nearly at

at the foot of a great mountain that looks out upon the desert. Its elevation (Mt. Spruce) is said to be 3300 ft, but I suspect an error. There is hardly a handful of soil to the square mile; naked rocks, boulders of all sizes, & in the crevices beds of coarse granitic sand, which the fierce winds here prevail at scoop up and hurl about in blinding gusts. The only living things to be seen are "cactus-birds" and rattlesnakes. The vegetation which clings to the rocks ~~composes~~ ^{comprises} is such plants as *Nolina Parryi*, *Yucca baccata*, *Agave deserti*, *Foraqueria splendens*, *Echinocactus cylindraceus*, *Mammillaria phellosperma*, *Opuntia Bigelovii* & other species of desert growth. But under all the boulders are fine tufts of *Ch. viscidula*. Of

course at that time it was all dry & shrivelled up, but from its appearance we judged that it must be *viscidula*, as it is more abundant here than at Whitewater. The remains of a specimen which I send you will enable you to satisfy yourself that I am not in error as to the species. There was here also a few *Pellaea* & *Bromelops* & *Ch. myriophylla*, but *Ch. viscidula* was the very abundant species.

At Whitewater *Ch. viscidula* grows, mainly, on the shady side of a high rock point composed of very rotten granite, & in the crevices. The few specimens I got at Agua Caliente were in ~~the~~ a crevice of a precipice of very hard granite. At Mt. Spruce it mostly grows under boulders, but sometimes in the crevices of the granite.

Mt. Sprague is at least, I judge, 150
miles from White water & in a different
range of mountains, so that it is
probable that *Ch. viridis* is to be
found at other intermediate places.
There is one where I feel sure
I can find it, if ever I have time
to go and look.

I wish the specimens I send you
were better, but I send the best I have.

I am looking with interest for
your Manual. I hope you will not
consider it too elementary to give
a pronouncing ~~vocabulary~~ index. I
have a dispute with my neighbour
who says *Pell'aea*, while I say *Pellaea*.
Which is right?

Yours respectfully

Saml B. Porch

Cheilanthes Parishii, (G. E. D.) n. sp.

Rootstock creeping, short,
 clothed with linear lanceolate, brown
 scales, with darker centers, bracts 4
 to 8 inches, or more, in length, 1 to 1 1/2 in.
 breadth, oblong lanceolate, tri- to quadric-
 -pinnae, both surfaces covered
 with coarse cobwebby pubescence;
 stipes clothed at the base with
 dark scales similar to those on the
 rootstock & above with paler scales and
 scattered fine pubescence or nearly
 smooth, rachis scaly with pale brown
 narrowly lanceolate scales, pinnae lanceolate,
 covermost distant, pinnaules oblong
 cut-down into obovate or rounded
 segments, involucres formed of
 the narrowly reflexed, unchanged
 herbaceous margins.

Santa Bernard Co., Cal.
 5 April, 1881

Dear Sir:-

It is some time since we
 have had any fine news to
 send you, but today we mail
 some specimens of a fern that
 we have not before met with,
 and which is apparently not
 described in the Bot. Californica,
 which is the only authority we
 have at hand. It grows with
Notholaena Parryi, to which it
 bears such a remarkable aspect
 resemblance - Will you kindly
 determine the name of it?

We found a station for Ch-
californica this spring in a
 canon about 7 miles from this
 town, which is 200 miles further
 inland than we have hitherto
 seen it. It is abundant & fine

P.S. Have you any specimens
of the Californian Equisetaceae
in the Herbarium, and would you
send some from this region? If so
we will be glad to send them.

at the place mentioned, &
also sparingly occurs at the
western base of San Jacinto Mts.,
but is there scattering & not
very large. In the latter
place Ch. Clevelandii is
very abundant & fine.

We are having a very good spring
botanically, rain plentiful
& consequently a fine growth
of plants. Dr. Parry is here
and we have had some very
instructive and pleasant
trips together. Now that the
North Pacific R.R. is
in operation may we not
hope sometime to show you
the homes of our ferns?

How is the "Manual" progressing?

Very truly yours,
Parish Bros

with a somewhat specimen,
+ in portrait chosen. The
altitude would be hard to
run at, and I ~~now~~ think
it cannot be our good place
it occurs at - no good
discovery of it -

Of course I hope it will be
found to be new, and not merely
a Mexican or other foreign species.
But even then it will be
very interesting.

I do not know if the description
is proper, but if it should prove
new it would be a very
very much if you were willing
to name it for my brother, who
discovered, unless you prefer a
descriptive name.

Can we be of any service
to you, by taking any?

Yours very truly

Samuel H. Smith

San Bernardino Cal
30 April 1881

Dear Sir,

You have no doubt by
this time have received the
other specimen of the new
form which we sent you a
few days ago. I am sorry
we have not more abundant
material, and we would at once
visit the place where it
was found, except for the
certainty that by this time
everything in that arid
region is dried & obliterated
so that it would be out of
the question to get any
good specimens. As soon
as there are rains next
year we will make a

good collection of it. The
station is in the desert
hills east of San Bernardino
(but in San Diego Co), and
not in the same region
in which Dr. Perry found
Chilanthus viscidus, although
not in the same canyon,
it is another locality.
I do not know any more
circumstances of its
growth or thorough examination,
so that nothing can be said
as to its abundance. It is
probably rather scarce, as
my brother, who discovered it,
collected all that he saw.
But no doubt with time
to completely explore the
neighborhood a sufficient
quantity can be found. These
plants were growing in the
crevices of (granite?) rocks

form of *Nothofragus*, which is
abundant in the nearby bushland,
of which our form, on its upper
surface, somewhat resembles
at a casual glance. It was
only when looking over our
collections after our return
that we examined it closely,
enough to see that it was
new to this region. The com-
parison gave no information
concerning its identity, for this
is supplanted by the specimens
then at hand.

The compliment which you
have paid in naming it is
very kind. I recall that
the name was for my brother,
Dr. H. A. H. H. H., who was
the first to find it.

I hope you are again
enjoying the air of your
land, or at least the Pacific.
Can have you yet.

Very truly yours

Sam B. Barwick

Santa Bernardino Cal
May 7, 1881

My dear Mr. Barwick,

I got today your
kind letter of the 28th. We
are much pleased that the
form turns out to be new.
There is a pleasure in
finding a new species of form
more than one of any
other order. It has always
seemed to us that in the
many canyons of these little
exposed rocks at least
some of the Arizona species
would be found, and we hope
yet to add some of them to
the flora of this State.

It seems when one looks

when we find anything new
or rare to get only a few
specimens, & it was so in
the present instance - that
little we had we have already
sent you & hope you have
received it in good order.
You need not return them,
as we expected, as our object
in asking it was to see
a specimen to Prof. ^{Dr.} after
it had been published by you.
But as you intend to communicate
it to him we shall not need
to know it. As soon as it
can be again collected, which
can hardly be till next winter
we will send you a supply
of good specimens. I do
not think I can at present
add anything to the scanty
information & conveyed in my
last written. It was gathered
hastily, & as you remarked

a very easy & satisfactory plant
form for culturing and Kochotum
Pamoti, a difficult one. H.
Newberryi + Ch. myriophylla
we have tried several times
but so far without success -

We had the pleasure of receiving
a telegraphic call, the other day,
from Mr. Pringle. He was on
the way from Arizona to San
Francisco, and without returning
here next November, when we
hope to see more of him -

Very truly yours

Parish Brown

San Bernardino Cal
10 Aug 1881
Mr. Geo E. Doorenbush

Dear Sir, We enclose by
this post some specimens
of Pellaea, including good
P. Wrightiana + P. Ornithopus, as
well as some less well marked
forms that seem somewhat
intermediate between them - We
have kept duplicates of them
forms & will be glad to
show your opinion of them -
We have indicated our own guesses
on the tickets. P. Ornithopus
is very common in this region
on hills the lower parts of mountains
say to 5000 + 6000 ft elevation, but
most abundant at about 1500 to 2000.
P. Wrightiana, of the type represented
by the specimen from San Jacinto,
is much rarer, but we have

found it on all the Mts. we have
visited at altitudes of about 7000
to $7\frac{1}{2}$ 000 ft. The "intermediate"
forms we send you are from
an altitude of about 3000 ft.

The form of Ch. viscosa is
from a cultivated specimen. You
will see that it has quite lost
its viscosity, and might easily
be mistaken for Ch. Copiferae.

It is a very difficult fern
to cultivate, but after many
failures, we have induced a
few plants to grow. They were
taken up last November, when
quite dry, and this seems to
be the most favorable time to
remove these drying up ferns.
Now we have in cultivation and
continuing their growth all the
summer. The same is
the case with Ch. Clevelandi,

It is a great temptation, for there
is a good large extent of interesting
ground that we have not yet
gone over, & that is almost sure
to reward the careful habit of
And we take a great pleasure in
the work. I should be glad to
devote all my time for the next
year to the exploration of
this region, if I felt that my
circumstances would permit it &
I can hardly persuade myself to
abandon it without one more
season's work.

It is very dry here yet, no rain
to speak of - For the last three days,
it has been trying to rain, but with
very little success - There will be no
good North. Newberry tell me how
soon you will be here -

I am,

Very truly, yours

Dr R. Parke

4

Dr Bernardine
3 Jan 1883

Dear Mr. Townsend,

Your kind favor of the 24th
is at hand. I had concluded
that the *Aspidium* was 2 forms
of *A. argenteum*, but am glad to
learn that it is an
addition to our California flora.
Like so many other writers I
did not get a supply - only a
couple of specimens of which you
have some. If I get up in
that part of the Mountains again
I will try to lay in a supply,
but my impression is that it
is not abundant - It grows in
cracks of granite & at perhaps some fl
alt.

I will remember the double
cheilanthes from the Santa Rosa of
San Jacinto Mt. There are no
more of them. I hardly think there

Newberry, of which I will
send you a good supply when
it comes into good condition.
It is very abundant here.

In making up the set of
Ch. myriophylla (?) for Mr.
Stark I tried to get specimens
from as many stations as possible
and showing all the diversity of
forms that I could find. It
was a matter of regret that
this delayed the arrival of the
forms until after the death
of Mr. Stark, who I think would
have been pleased with them, but
I am glad that they have
come into your hands.

It is gratifying to learn that
Prof. Sargent has come to a
reconciling opinion of his injunctive
to our friend, Mr. Wright. I have
had the opportunity of seeing a great
deal of Mr. Wright, having collected with

him, & having had the pleasure
of receiving him several times at
our home, and I soon came to
esteem him very highly. He is
a fine specimen of a man
worth - but you I was well
surprised at his being compelled
to abandon his work.

Just at present I find it impossible
to say whether I shall do any
collecting this year, or a great
deal. But for my brother and
myself devoted a considerable
share of our time to botanizing.
Our success in finding new rare
plants was very gratifying, and we
were unexpectedly successful in
disposing of the collection we made.
Still pecuniarily it would have
been to our advantage to stay
at home and attend to
business, and I hardly ever how we
can get away much this year.

at a loss to whom I would
be glad to have them

I remain,

Very truly yours

Saml B Parish

H

San Bernardino
May 16, 1883

My dear Mr. Davenport,

I send you herewith a few
specimens of *Notholaena Newberryi*, which
I hope will answer your purpose -
They are smaller than usual, for
the dry winter has prevented the
development of forms as well as
of flowering plants - As the rains
are continuing uncommonly late
into spring, there may be some
better ones later, & if I get any
I will send you some. You
will find little difference in the
specimens, and I think this
form varies but little, at least
as far as our region is concerned.

I am sorry I have at present
no specimens of what we used to
call *Noth. californica*, or *N. Californica*
as Prof. Eaton now makes it. It

is quite plentiful near S. Diego,
but with us it is found only
on one small hill, near the
town of S. Bernardino, called
Slover Mt. Here it grows
abundantly in the seams of
limestone cliffs on the exposed
southern and western slope of
the hill - Both there and
at S. Diego the fern is small,
but at Agua Caliente, on the
border of the Colorado desert
(S. Diego Co) it grows much
more luxuriantly, especially
about boulders, and here
noticeably in the crevices of
the granite rocks of that
neighborhood. I have no doubt,
however, that it is the same
species, only its surroundings
are better fitted to its
growth. I do not know if

I shall have a chance to
get some there again at
the right season, - Jan or Feb -
but if I ever do I will get
you some of the large
specimens. At S. Diego, I
am told, only the yellow-
powdered form is found, my
friends there being desirous
to get the white one from me.
At Slover & at Agua Caliente
both forms are found, the
yellow rather more abundantly.
Agua Caliente is the only
place in the desert region
where I have this fern.

Amph writes me from
Tucson, but the dry weather
and the Indians discourage
him a little.

If you have a copy
of your supplementing

Sanborn in Cal.
April 7, 1911.

My dear Mr. Dring,

Can you not send me
a pound or two of your
Cheila the "jibreller" so
that I can recognize it
if I meet it again? I
think I could do so even
without any, but I would
like to have something to
compare doubtful forms
with.

As you remember I have
written to Pratt and given
him the directions for
finding my locality - I will
give them to you so that
you may direct any botanist
who may ever happen to

collect here. Our ~~camp~~
facinto mine, about a mile
above the Toll house on the
mountain road among
boulders between the river
and river.

My brother has gone to
Arizona and proposes to
broth the summer to
collecting plants there, He
will be pleased to send the
ferns to you for determination.

We have had extraordinary
rain this season and
vegetation is unusually
fine, so that herbolists
will have a good time.

With kindest regards,
Yours,
Samuel,

Very truly yours

Samuel Davis

San Bernardino Calif.

Oct 5. 1894

Dear Mr. Brewster,

Your card of Sept 28 is
at hand. Thanks for your
kind assistance in determining
the plant sent. Will you forget
#269 — the *Portulaca* — or have
you not yet had time to
examine it. You so note

that it is your card. It
seemed to me the most
interesting of the lot, and I am
curious to know what you will
make of it.

Yes, the photo. of the Arizona
camp was received, & it should
have been acknowledged with thanks.
Please accept these ever.

Very truly yours

David B. Parish

San Bernardino, Sept. 4, 1900
My dear Mr. Davenport,

I have never collected again
Chelidonium Parviflorum or *Chel-*
idonium, nor, I am confident,
has anyone else. Very likely the
precise places where they typically
were collected have never been
visited by any botanists since. Still
it is remarkable that they have
not turned up somewhere.

Mr. Mayson's *Asplenium* is a
plant of the Coast Mountains, where
it is fairly common. It hardly
reaches us, although I have known
one small specimen to be found
here. Mr. Mayson got his geography
somewhat mixed when he spoke of
Newberry's collection in Cajon Pass,
San Bernardino, near S. Diego Mission.
It should be Cajon Valley, which
is near S. Diego.

All I have of this is the
representation in my own herbarium,
but Miss. Kimball of National City,
who supplied Mr. Maxon types, is a
very obliging lady, and I have
asked her to send you some
good specimens.

As to the var. *cyclostoma* of *A.*
fitz-pennia I must say that I
do not know the varieties of this
species. It is a high mountain
plant here. Last winter I gave
all the ^{orthocentrus} material I had to
Mr. Gilbert, who is preparing to
publish some varieties of this
species. He had already been able
to detect some 15-20 varieties,
and, I think, found one or two
more in what I sent him. I
suppose there is little reason why
one desirous of making new
varieties should find any
limit to them in a species

such as this. When I next
go into the higher mountains
I will get a fresh stock of
this form, but when that will
be I do not know.

I am very glad that you
have taken up in hand your
Fern Manual again, and I hope
you will complete and
publish it. Our conservative
botanists have been somewhat
too conservative in publishing, while
our reforming friends have shown
great zeal in issuing papers
and books that might aid in
giving a vogue to their theory
and its applications in
nomenclature. It seemed for
a time that they might
carry everything before them, but
there are certainly signs of a

reaction, and as they have long
closed to agree among themselves
either in theory or practice, there
is hope for a return to a
more conservative usage.

In the mean time the excessive
manufacture of "new species" based on
trivial variations must defeat
itself. When a ^{young} man splits a single
species ^{young} into page after page of
"n. sps." or fills a pamphlet with
"new species" of *Silene* segregated
from what had been regarded
by the best agronomist as a single
species, it becomes evident that
the only limit to such species is the
number of individual studies.
The next generation of botanists
will occupy themselves in
reuniting many of the species
now being so freely segregated.

Faithfully yours,

Saml. D. Parish

San Bernardino, Cal.

June 8, 1901

My dear Mr. Davenport,

Why is not the fern I enclose
Polygodium vulgare, L.?

While it is not quite easy to make
out the veins in all cases yet
entirely free, and if I am right
it can then be nothing but P. vulgare.

To me the characters given as
distinguishing P. vulgare from P.
Goniophlebium, ~~seems~~ the presence
or absence of areolae, seems very
artificial, but I suppose that is
ignorance, as it seems quite satisfactory
to those who have made a special
study of the ferns.

Faithfully yours

M. S. Parry

No Beaver - 1000

Nov - 1948

Mr. George E. Thompson

600 Valley St.

Madison, Mass.

War Din:

I collected a *Ulex* I on a
leaky, openy ~~moor~~ ^{moor} hill. It
grew in dense ^{moor} ~~moor~~ ^{moor} ~~moor~~ ^{moor}
tine and at the end of the
grass with a ^{moor} ~~moor~~ ^{moor} ~~moor~~ ^{moor}
exposed, more ^{moor} ~~moor~~ ^{moor} ~~moor~~ ^{moor}
on other slopes and but the

Sincerely yours

John C. Pauline.

OFFICE OF
CANTON SCHOOL BOARD.

JOHN C. PARLIN, SUPERINTENDENT.

CANTON, ME., 7 Aug., 1907.

My dear Mr. Quornport:-

I was satisfied, or dissatisfied, in my own mind that those ferns were just what you said they were. You need not return specimens. Many thanks for identification.

Sometime I am going to send you a series of *Botrychium*.

Phegopteris hexagonoptera is very rare with me, this being my only station, and I have heard of it only two other localities in Maine, Newmouth and Charleston.

I have not yet found *Aspidium cristatum*, var. *delintonianum*, *A. Goldianum*, *Woodwardia angustifolia*, or *Pellaea atropurpurea*. Do you know any place in Maine where they grow? Is the stiff narrow fronded form of *Asplenium filix-foemina* always to be the same in name as the broad rank form of wet woods?

Sincerely yours

John C. Parlin.

Lovers 4/1 Dec 1877

to 2 1/2 percent 80%

Dear Sir

I am in

the hope of your letter of 1st inst. in
regard to the 1st 2 1/2 percent
in that case that the above is the
only one left. I have been
very busy lately & I have not been able
to get it done before. I am sorry
that I cannot do it for you
but I will do it as soon as I
can. I am very sorry about it.

Yours truly
Wm. H. R.

If you are a party in the above
case in which the 1st 2 1/2 percent
is concerned I will do it for you.

H

Davenport Iowa Feb 27th /74

for ? Davenport Ill

Dear sir

Your favor of

22^d inst. is hand, thanks for specimens enclosed which I take to be identical with some other specimens received some time since from Cal. and named by Prof Eaton P. ovatifolius var brachypteris the fragment sent you is the one sent to Prof Eaton for identification & returned by him under the same name. Your doubtful fern leaf may be

Chamaebatia foliolosa Nutt figured in Pongy Pl Fremontiana. Which is wonderfully fern like and is fragrant at Aspidium thyrsoideum. belongs to Rosaceae!

Botrychium simplex Hitchcock seems very variable I collected it quite largely from a single locality in a high subalpine valley in Yellowstone Park. The specimens gathered show quite a difference in the shape & divisions of the sterile frond. but Prof Eaton sends me firman specimens quite similar. but I think quite likely that one species will have to

include several now recognized. I also found in the
Park a very robust form of B. lanceoides.

Hide Eaton, with occasional faded remains of the
previous year's sterile pond, below the other unfertilized.
I only collected sparingly and have none left for
distribution.

I am now getting ready for this season's trip to
South Utah, and duplicates packed away so thick
I cannot conveniently overhaul to see what I can
spare. I shall however keep your desiderata in
mind, and can in doubt do something towards
supplying them. I hope indeed to strike something
quite new in the region I am going to, at least
some varieties of which I shall collect largely,
and distribute freely.

In the mean time let me thank you for the
interest manifested in my researches, which is quite
encouraging.

Yours truly C.C. Parry.

P.S. I have made arrangements to correspond for
NY Tribune over initials C.C.P.

Davenport Iowa March 26th/74

Jes. P. Davenport

Dear Sir

I am in

receipt of your letter 22^d

I send you by this mail a
small parcel containing a few ferns
of my late gathering including

No 212 Adiantum Capillus Veneris L

263 Notholaena Parryi Eaton

— a single frond of N. tenera Gillen

+ Woodwardia Seepulma Eaton

X Notholaena Fendleri

If you consider these of any pecuniary
value you may return me

\$4.50—

Mr J E Johnson of St George
is the only one who would be likely
to undertake a collection of ferns
N. tenera Gillen is found in a deep
gorge known as the water holes
about 12 miles S W of St George
on the road to Beaver Dam

A son of his was with me
at the time I collected it and
will remember the locality. but
it is scant and difficult to
find otherwise I should have got
more

I partly expect to return to
that locality next winter
if so will look sharp after these
things

Respectfully yours
C. C. Parry

Westford. Conn. Aug 13th 1877

Geo. E. Davenport

Dear Sir

Yours of 6th inst forwarded from Davenport has reached me here. I fully intended when in Boston several weeks ago to have called on you but other engagements prevented. I expect to return to Davenport next month. have some idea of a winter & spring trip to Old Mexico next season. In regard to your fern discovery of Cheilanthes viscida n sp (my No 272) I can readily believe that you are right in distinguishing it from C. Cosperce its locality and habit are quite different. It (yours) is found only on the Eastern (Desert) slope of the Sierra Nevada near San Joaquin Pass, C. Cosperce on the western side San Bernardino. Sta Barbara & Sierra Valley. (Lamman)!

When I get back I will see what
I can do towards supplying your
wants in that line, My San Bernardine
specimens of C. Cosperae were gathered
early and not well developed.

C. viracida was collected by Lemmon
and myself in April 1876

Possibly Mrs S A Phummer of
St Barbara could supply you with
specimens of C. Cosperae from that
locality.

Very truly yours

L. L. Parry

DAVENPORT

Academy of Natural Sciences.

Davenport, Iowa, Oct 11th 1877.

For E. Davenport

Dear Sir

I send
by this mail small parcel of
Western fauna as you requested
viz.

No 427 Ch. Cosperar, a C. Virida Dan

429 Noth. candida Hook.

430 Noth. Naubary; Gal

Later collection of Dr E. Palmer as
per tickets enclosed

They are all good selected specimens
for which I do not care to ask pay
only as you may be able to do so
in the way of desirable exchanges

Yours Truly

C. C. Parry

San Diego, Cal. March 6th/82

Thank you very much for your letter.

I expect to stay here a month or more, and shall be glad to hear from you.

Please address P.O. Box 157, San Diego. I am hoping to see Pringle soon and hope we may take some trips together.

Mr. Cleveland is rather feeble but still keeps up his botanical interest.

If you think best you may publish a brief notice of this discovery, and will be likely to interest far lovers of my time.

C.B. Parry

My Dear Mr. Davenport:

Knowing the intelligent interest you have long taken in American fauna, I take pleasure in communicating to you.

(With a specimen, not yet matured) a rediscovery of mine made to-day after an interval of 32 years.

The curio's history in brief is as follows. Early in the Spring of 1850 while connected with the Mex. Bdry Survey then stationed at San Diego on one of my rambles. I came upon this identical *Ophryotrocha*. My specimens then collected were lost in crossing the Isthmus, — and I afterwards left the country. The distinct recollection however still remained, and at different times I have stated the fact, which in the absence of specimens was generally

in accord with the reality. I also
called the attention of Mr Cleveland
to this matter, and he has been on
the look out but without success.
Circumstances seem to favor a
trip to this region and revision of my
old locality, one of my fresh thoughts
was the *Ophryotroche*, accompanied
by Mr Cleveland I went, as far as I
could remember to the exact spot
but did not succeed in tracing it at
the moment however particularly its
common association with *Dodecatheon*
and *Toxifraga*, a *Parus*, and a *Ho* does
surprise. whenever I came on a patch
of this, I looked closely to find the
little stranger. What then was my
surprise and joy in digging up a bulb
of *Prodidia* to find in the very seed I
brought up, a diminutive leaf of the
"cutter," itself & then just on the clue.
I had not difficulty in tracing it

leg. and the present I. larvae
of the same species. ^{not} available
therefore, to say it was
assured, only needing time for its
development. I traced it also, to
different localities for nearly 10 miles
so that it is not very rare in
this plant.
Now, what is it? will be a matter
I leave you to decide having access
to the literature of the genus. I think
it can hardly be a form of *O. dubia*
but it comes near my recollection of
a species figured in Hook & Arn
perhaps *O. tuberosum* or something
like that. It seems peculiar in the
double fruit & short fruit spike
two it may look when better developed.
we will soon see, in the mean
time I shall watch & secure fresh
material to supply all demands.
Have you seen Arizona specimens?

Dear Sir. Davenport, Iowa July 23^d 1882

Returning home once more after 2 years
absence, I now send as requested small parcel
of Ophioglossum nudicaule. Would it be convenient
for you to send in return some freight or Florida Specimen
of the same?

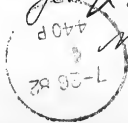
Manus Jones seems determined to keep his stupidity
before the Scientific world. (See note in July Bulletin.) I
have advised the editor of his incapacity & conceit.
Mr. Pringle will tell you more than I care to state
of his outrageous behavior in Lower California.
I hope this will find you well & lively. I am busy
now overhauling my collections just rec^d

Yours truly G.C. Parry



NOTHING BUT THE ADDRESS CAN BE PLACED ON THIS SIDE.

George L. Davenport Esq
No 8. Hamilton Place
Boston
Mass



Excerpt. March 21, 1891

Dear Dr. Huxford

Mr. Huxford has just
come over to his office, to bring me
some more boxes of bones. He
presents a few.

I have the same crop of an
specimen from the same locality
collected last year. The bones are
smaller than the first, but I like it for
H. argutus. but it looks a little
different, what do you make of it?
Was glad to see Mr. Pringle we
have been consulting maps &c &c.
He has to leave with go directly
to Tucson. Perhaps he will drop you
a line in this

Yours truly
C. L. Huxford

HERBARIUM OF H. N. PATTERSON,

OQUAWKA, ILL., Sept. 23, 1886.

Dear Sir =

I am now nearly ready to use the list of Ferns which you sent me, in the Herbarium list which I am printing, but on looking for it found that my wife had "cleaned up" my table, and put away some of the papers so carefully that they cannot be found.

Will you kindly send me another copy of the list, corrected to date.

I will be glad to send you a copy of my list when published, or will willingly pay for the copy from you.

Yours,
H. N. Patterson.

P.S. - To save time I have included the set up list of Ferns, from Underwoods'

HERBARIUM OF H. N. PATTERSON,

OQUAWKA, ILL.,

Sept 24

1886.

"Our Native Ferns". I send the proof herewith. Will you please correct it up to date? Would like all marked varieties, as they are useful in a list of this kind, intended for herbarium catalogue.

V

Oquawka, Ills.

Feb. 3, 1890.

Mr. Davenport.

Dear Sir:

Will you kindly correct for me the list of N. American Ferns, to be used in a new edition of my check-list for which I am now preparing the copy?

I have just read again, in the Bot. Gaz. of two years ago, of the photograph of N. Am. *Alphiglossaceae* - If you have any of these remaining, please send one to me.

Yours truly,

W. N. Patterson.

Miss J. C. Felton S. G. Peaman
Englewood Mtn View
Cook Co Cal
Ills

Please send a catalogue to each of
the enclosed addresses. Are you near
Franklin, w. in Ia. I am going to
have a son in w. is about to start
for Ia., to a artists school
the coming year. His parents live in
Englewood Ills. Mrs. Minn is now
in Alaska, starting on Ice and
Mountains. That beautiful sound
in Farenport. Wish you could
see it. But looked to the north.

Kaimier to the south and the Olympic
range in the west -- I feel like
saying ^{the} ohs! with points, as the
girl did at the Centen exhibition.

I have forgotten something that
I wished to ask or tell you but
will have mercy on your time
and eyes, and say good bye
again for a short time, and you
must be glad to have me stop! E.E.

Dr. please do excuse me for
sending you this horrible bill. But
I have had back this little one dog
hoping it will get on, and sent away down
this ring - and this is the result.
It is too bad to send but will
all receive him. or please return
me, and don't think of coming
such money. 809

Wm. L. L.

Wm. L. L.
Oct 16th 1876

Geo. E. L. West
8 W. L.

Boston Mass

Your postal came in
our last mail, and you
must have received my
letter about 10 days
ago - soon after I mean.
I ought to have written
before, but packing, and
other business occupied my time
to such an extent, that
I could not. I am now
where I think letters
reach me safely, as I have
not known of losing but
one, in the five years that
I have called this home.

Is one a (mutilated)
catalogue, so that you
know what I mean.

I have not yet marked
any in the paper belonging
to the last one, so that I
have some more than I
have asked, but I
tell very soon what you have
sent. The marks in pencil
at the left, indicate those
that I have. The double slanting
mark show those that I have
received from two or more
sources.

I am going to ask a
favor again. Will you send
me a few catalogues if you
please? I know not where
to send for them, so I
presume you can obtain
them easily - if not do not

go to any trouble about
it: the one enclosed was
sent me by a friend
and I now send it overland
again, but I scarcely think
you will want to re-mark
it for your use.

I have not yet
heard from Menir, but it
is about time for him to
be coming from the Valley.

Hoping this will reach
you before you send another
package. I remain

Respectfully Yours
E. C. Peterson.

my dear friend
 I have just
 been thinking of you
 and how much I
 should like to see
 you and to hear
 of you. I am
 well and hope
 these few lines
 will find you the
 same. I am
 ever your
 affectionate friend
 H.

I have just
 been thinking of you
 and how much I
 should like to see
 you and to hear
 of you. I am
 well and hope
 these few lines
 will find you the
 same. I am
 ever your
 affectionate friend
 H.

feel deeply grateful for all that
your letter so kindly told me.

I must again thank you for that
package of *Leucanthes*. I was delighted
to receive it, and prize them highly. I
have one end of my trunk filled with my
plants, and should we meet, will

show you some beautiful woods from the
margarita tree, also from the sequoia
gigantica. I think that I enclosed some
specimens of the former in my last package.
did I not? As all in *Ethiopia*.

A. Y. with a cousin for some time, a
month at least - and shall be very
glad to meet you if you should be
journeying that way.

I shall be glad of *Amoria*
quica as my trip to *Oreg.* is probably
initiated another year, and I shall not
be a loss to you for any longer of very soon.

(No. keep your *P. Breweri*. I would
much rather you had it than to

as an extra one myself, as I
should not have it. It is not
often one is so much of an enthusiast
as I am, and the only chance to
gratify those who really enjoy a gift
of our woods.

Since I began my letter your note
of the 31st came, and you
will think me long I fear in acknowledging
the receipt of your first letter, but sickness
has prevented me from writing, have been
sick, to the house, weeks since I
came here, and am just getting out again.

I expect to see *Prof. Baird* about in a
few days and will try and
ask him for the locality of the house mentioned.
He spent most of the summer in the Sierras,
and tracing the course of the
river. He was in the region of King river, Owens
and Mono valleys. The new valley which
he discovered is in the south fork of King
river, 46 miles west from Visalia. It was

the little time you spare for me is short and I cannot
wait in this creek and wait for you. I have a
few days ago, the Niagara river took
and with this mail you a package
containing Adiantums (Chilensis & others)
from Yosemite and Pellaea from
and from the coast north of San
Francisco a few large Equisetums
and P. andromedaefolia, & others.
Think you of a coast aspidium?
Well protected from the fogs
by its shaggy coat is it not?
How sorry I am that you did
not write me of your errands in
San Francisco I was there several
times. While waiting for the boat, I
finally came by rail much to
my disappointment and go to Boston
from Philadelphia, and will send
you the mementos mentioned, but
trust that I shall not get carried
over the fall in imitation of that young
lady of old - though I should enjoy a
soft ride, well. My friends here have
made me well acquainted with Niagara
and I have increased my collection. Will
you please tell me of the Adiantums sent you.
Trichomanes and venustum? These are the first
I have gathered. I find also Equisetum bulbosum and Paspalum among
new of the latter and a little Pellaea. Will you tell me what the
latter is? Send me some. I am not sure. I have
replied to all
that I should
your letters
are packed
and good to
the depot -
cannot see
Please return
haste and
that which
is left - send
for this visit
and letter with
does not go with
together.

extra to have. But this or would
be do now. It is a very fine
with granite. It is on a stone
the road. Let it be. Mrs. Miner
tells me. The house is numbered
114. Squiggle

2. Mag. 1. 24/10/1919

I find I have not sent me
 the address of my agent in
 Calif. yet. I will do so.

suggests that you would like to
enlarge the collection, which I have
just brought to order. I believe
that honesty they are. I have
never noticed any

as those growing among
the rocks, but I have a basket
of ferns and will send you a
small frond which I cut from

it, & have a couple of others, twice or three times as long with the same downy ribbings.

I shall be pleased to know the decision of the powers that be in reference to Gendleri &c. I think the two are the same.

I want to thank you for the Bedford articles and ferns. I have enjoyed them as much, but have not had time to arrange my ferns as I wish. I have quite a collection with me, and would like much for you to see them. I fear that I shall not get to Boston to see yours as I would enjoy doing. If you will send me the address of your friend in Phila. I will call upon her with pleasure. I go there Monday and you may address me at 247, South Fifteenth Street.

I sent you a root of Asplenium

see that you will have to excuse that which has been
said twice, but I will and this hoping you will be

as very shaggy that it did not
resemble its mountain sisters
very much. The young fern
number two I think is a young
woodwardia from the same but
still it looks quite unlike those from
the old root. I send you some
chilanthus - how do they compare with
Mrs Clevelands? The young frond
I cut from a house plant, but
I never have seen any amongst mine
as white as the one of Mrs Clevelands.
I saw some lovely plants in horticultural
hall in Phila. Some beautiful
Gymnogramms, and of varieties not on
the catalogue, and I saw a pot of
Asplenium Belangeri with tiny
plants growing upon the fronds
quite like those you sent me of
a Woodwardia pinnata.

By the way I have looked in
a bin. for those plants

75
Ithaca N. Y. 4. 28th
Dear Mr. Carenport

I have forgotten
whether I sent a card acknowledging
the receipt of your last package
with the pamphlet, or not, excuse
me if I did not, please, and accept
with this a double ^{of thanks} protestⁿ. I
have been visiting with friends
whom I have not seen for
six years, and with some from
whom I have been separated
eleven, and you may judge
whether I have been busy or not.

I have had so much pleasure
crowded into one brief summer.

I can hardly call it what I
have seen, only think of days spent
in sight of Niagara, of the rambles in

those beautiful woods. And when
I think of a ride in Fairmount Park,
on the banks of the Wissahickon
I go to be there again. By the way
I called on my friend Mrs
Cooper but she had not arrived
and I was disappointed. How
sorry I am to have missed the
opportunity of meeting your
friend Mr Robinson. I should have
been as glad to had him look over
my ferns. I am going to send you
some mementoes from some of the places
I have visited, and though you may
have plenty, they probably will not
come amiss as you are continually
sending off packages.

By the way, you must think
me stupid blundering as our Chatam-
this, but it looks so unlike any of
that family that I never have seen.
** and it seemed to answer the description

of that alpestris.

I have seen "oceans" of *Cystopteris bulbifera* this summer, at
Whetkins Glen the most, and here
in these gorges, and I have been
wondering if only the bulblets
produce fronds, do you know
whether the spores of this fern. I
mean those falling from the roots
are productive or not? I find
the little ones in the moss with
the bulblet attached, and have
no book with me from which I can
find out. I spent a two delightful
days in Whetkins Glen and
found a few *Asplenium trichomanes*
and still fewer *Pellaea gracilis*
I take it to be, but remembering
the *Chimaphila* I hesitate to be
positive. It is a lovely spot.
were you ever there?

The young frond of *Asplenium* was

California as Woodwardias.

I should so much like to come to Boston before returning to California, and am so sorry that I did not take that city in on my way to Phila. I would indeed send you my picture had I one, and will send one for you, when I get some taken. But I hope you will not wait for mine, for I should like to place your face before me - would prefer to have the real to the representative one. but a photograph is the next best. I feel quite well acquainted with you, but of course can only think of you in a dim sort of a way, surrounded by heaps of ferns, and losing all nature but of a l. Should you be making a trip this way don't fail to make me a call.

at my cousin Mrs H. & T
Phelps 51 West State Street.
I think of going west in September.
I should no doubt tax
your time and patience, for
I should want you to see all of
my ferns, and I should like information
concerning them from you.

It must be a fine collection
indeed - that you have given
the society, and now if you
would get up a book on the
Ferns of North America you
would be adding another favor
thus making your name famous
for ever more.

I received a fine package of
ferns from a Mrs Hathaway in
Ottawa N. B. a few days since
and with them I find *Adiantum*
palmarum, the first I have had
She also sends a little *Polypodium*

which seems to be between
simplex and *luxurians* found
in Steers county. She writes that
she sent a specimen to Prof
Eaton.

I have not visited Enfield
since my last visit, but will
remember to visit it.

This letter has been written
under difficulties, and it
shows it. please excuse it.
and me and oblige

Yours Truly
Emily Wetton

P. S.

Mrs Cooper was expected in
Phila the 20th of June - the
night that I called.

Can I do anything for
you in this regard? I have many
intermediate points?

By "fern" I have
called *Chilanthus Fendleri* the
one not before I heard of
it. I have noted the
one. The *Chilanthus* you speak of
as being from the hills of the
Sierra Nevada, near the
border of California, and I have
it in my collection, but I judge
there is some resemblance to
be placed upon the Academy of
Science in the naming of plants.
If it will not trouble you to
send me the ferns sent as that I can
compare names. No 5 is a
Polypodium grown in Oakland,
growing slightly from our mountains
in fact. I hope to get
some new varieties this fall.
as soon as I am able to
get out, and will you please
tell me if you have any work

41
Dear Mr. Fendler,
I have just been
going through with my two
packages from you, the
one before mentioned.
I will not return
any of them. I know a
portion of them, and will
send me some in your next
in your first.
second

letter
1 account of the last proc
and 2 H. got for
the middle of
the region of Dallana
at least, and I am sorry
I could not send more. It
is rare. The Polychin
was given me by Mrs. Blair, and
was found not far from
Soemite. I may get some
more from the upper Sierras
or was shown to me by him in August. It is quite
rare, and the only gave me
a few, as he had disposed of
most of his collection. The
Tetras *P. P. P.* & *P. P. P.* also
came from him, and the
region of Soemite. He told
me when he left that he

would go and make
some collections for me.
I am now in other business
being interested in the formation
of the Sierras. Specially, and
will not have time to do so
gatherings. I sent you
in my last package, one
of a *Tetras* or *Alphid*, and
Cratichneumon, found in the Sierras
all I had to spare. The *Cratichneumon*
minutum excepting the largest found
were 92. The *Alphid*, altitude 2200^{ft}
about 1000 feet. The large one is
from Oakland, and is 10
clown. Will you be kind
enough to send the latter for
me. The *Chilanthus*, *Pellaea*, *Trichomanes*
Gymnogramma & *on* 7 grew here.
I am now where I can get
a very good one, but I do
not know which you mean

which will aid in the determining of names of . . . I have only a small English work . . . and greatly feel the need of help in learning all that Irish respecting them.

You will excuse the delay in acknowledging the receipt of your letter when I tell you that I was just leaving Oakland for a visit on the sea shore, and then busy with . . . to come to my mountain home.

Your letter is not the only one lost in the Oakland office, for I heard a number of complaints of a similar kind, it was not strange you made the mistake in your address of "Dear Sir."

"are and
with you, we have them here in the nets
wanting this species up and eight feet high.
I had B. to be checked on my list, but
out. it was simpler. I would like some Catalogue
and do not know where to get it. I can
you tell me?"

E. O. Feltori

Here is a work
book of which with 4
I want please
tell me what it is and
how to obtain it, if you
can, and I will be
much obliged. I will
try to send you
some more specimens
as I shall collect some soon

Our mountains are
bathed in sunshine, such
as a Californian can en-
joy, and it no doubt shines
on many a rare fern, making
them ready for our gathering.

Our roads are now very
dusty but we soon expect to
not having had any since May
I think.

Brownsville Respectfully yours
Ruben Co.
Cal Emily O. Feltori.

1877

1877

1877

I have been thinking of you

very much lately

and wondering how you are

getting on

and how the weather is

in your country

at present

I am well and hope you are

the same

I have not much news to write

at present

I am going to the city

tomorrow

I am going to the city

tomorrow

1

No

11. Feb. 1877

Dear

to

8 Cal.

11. Feb. 1877

My dear friend

I have just received your letter

and am very glad to hear

that you are well

and hope you are

the same

I have not much news to write

at present

I am going to the city

tomorrow

I am going to the city

tomorrow

I am going to the city

tomorrow

I am going to the city

tomorrow

I am a lot of u
and I am up to
to the end of the day.

It is a lot of u
y either now or at
Cincinnati, and I
at Chicago.

I am a lot of u
and I am up to
at Chicago.

I am a lot of u
and I am up to
at Chicago.

I am a lot of u
and I am up to
at Chicago.

Yajra ^{is now} used as bed by it.

Helping hand. The same.

will you please tell me the names of
those just mentioned. I am still without
a work for analyzing ferns. Will you be
kind enough to tell me the name
of no 1. 2. 3. 4. ^{of which I think is *Asplenium*} ^{and a fern}

They (1. 2. 3) were collected near Minnegan
Springs, while I was at Canton Co. Va. ^{the same}
4 is from Watkins Glen. The moss
and maiden hair came from Buttermilk
Gorge at Ithaca - Perhaps you have
been there. All of my specimens from Ithaca
falls were left behind and so I cannot
send those I saved for you which I regret.

My "photo" you will find enclosed
among the ferns and could it speak
would give you friendly greeting, with a
warm grasp of the hand. This picture
is considered a very good representa-
tion of me, and was taken this
winter. Though I scarcely think
you would recognize me should
I walk into your store some day
a year from now, or should you

Engwood creek as the
3^d 15th 1877

My dear Mr Lavenport

I must
beg you to excuse me for pro-
crastinating as I have. Not even
acknowledged the receipt of your
Polypodium falcatum for which
I was very thankful notwithstanding
my apparent ingratitude.

I found it here upon my arrival.
Your letter and card found me
at Morrison and visiting and
being half sick must be my
excuse for not sending my thanks
for the above mentioned favors.

I have a *Polypodium*, a single
specimen which was given me by a lady
from Oregon, very much like this

one, but not fruited. Will
you be kind enough to
give me a slight description of *P.*
Scuieri in your next. I had thought
mine might be that, but do not know
how it differs from the other *Polypodiums*.
Mine looks enough like *falcatum*
to be it. I have not compared them
as mine is not here, many thanks for
the one and if I go to Hines will be
sure to make inquiries concerning
Is. Kolioggs. Oh I begin to feel
uneasy! to long to be among the
mountains again. - a year ago
- was where I could step out and
gather wild flowers; and to think
that now the ferns are many of them
in their prime, and so abundant only
waiting to be gathered.

I hope to be among the mount-
ains in April, but may not
leave here before the middle of

that month. I do not know
where I shall spend the
summer - but somewhere between the
summit of the Sierras and the ocean
and wherever it is will find plenty
to interest me, I know.

I shall be glad if I can aid
you in your study of *Polypodium*
and hope you will trouble me all
you can by questions regarding
them & their locality. If there is
anything one admitted to see over
can be of to me city bound.

I have been doing up my fragments
to send you, and have put in one
or two that are new to me.

^{11 *Asplenium* *fragilis* - *Asplenium*}
9810 were collected by Mrs Muir
near Yosemite Valley.

11 Is the same as some I sent you
from Knoxville one year ago. You
then thought it *Cy. ¹⁰ *fragilis** was.

find me in the woods some
day with my arms full of
Woodwardias. 47 & 5 will find a
few Polypodiaceae in the package 12
came from the Coast Range, near the
bay. Just south of Mt. Tamalpais
~~that~~ is the large one, ^{was} ~~numbered~~ 13 is from
the Sierra Nevada range, near Brown-
ville. Those in the small paper
are from Beville too but a ^{few} ~~couple~~
of miles distant from 13 and where
the altitude is perhaps a couple of
hundred feet greater. The other
seven are old acqu. distances of years
and from Brownville excepting those
with 9 & 10, which came from Granite
Creek vicinity.

Hoping this will find you prospering
beyond your wildest anticipations, and with
many good wishes for the future I am
sincerely your botanical friend—
though a feeble one. E. C. Gellert

Bolinas Maine to Col

7th 18th

My Far away but not forgotten friend
I once more rearsed my pen to
chat with you in this one sided
manner, and wonder if you will
be obliged to look at the end of
my letter to see who it is from.

Many times since receiving yours
of march (I think your last was
written) I have thought I would
write, but only waited to have
something worth writing about, and
now I take my pen feeling that
I have nothing of interest to say.
But wanted to let you know of my
whereabouts—presume you recognized
the roots sent a week or so ago as
coming from me, and so knew
that I was in the "Land of the living."

... the ... of the, ...

I put in some dry polypodiums - it is so late here I find none but dry ones) thinking you might study the veining from them easily. I noticed one, having united and free veins on the same frond. One taken from the same lot of those I sent you. I sent to Dr Kellogg and he pronounced it P. Californicum. I have some more dry ones gathered in a ravine four miles from here, and will put them in when I send you some others that I am going to put up for you. Any of any use to you? I wanted to see Dr Kellogg when I came through the city but was with friends who rushed me to the Cliff House, giving me no time for hunting up what I wanted to. I did not have Dr K's present address and could not see him. I have it now and hope to see him sometime at the Academy of Sciences. I hoped to get the ferns from him you spoke of to me, and wrote him about them, but he informed

2nd and lies in Denver I was in Colorado thirteen days and would like to spend an entire summer camping in those beautiful spots. If I could only play that I was one of the Utes I might make a good many discoveries. Perhaps I might better wish that I had plenty of means to spend my summer where I liked and choose my companions. But as it is I must think of my bread and butter and as I am here (seeking for a school) with a half sister, my nearest relative.

I made inquiries for that friend of yours Mr Wilson I think was his name, and found that he died during the spring or winter.

Denver is so far from the mountains that one has to make quite an effort to get out where ferns are growing.

The nearest point, I think is Morrison, a little wintering place on the edge of the mountains. There

is a mountain rising six hundred feet
above the hotel. This I climbed and
it was thus, that I found abundance
of this cyrtopteris like fern, growing
near the base of the mountain fringed
as you see it, in May 17th, higher up
it was not so far advanced, while at the
top ~~they~~ ^{it} was just pushing out from
the crevices. On the opposite side
of the little ravine I scrambled up
a rocky ridge, seeking for treasures
but only found a few pushing out
from crevices, and succeeded in
getting a few. I sent you one or more
roots, they are a little like that — oh
I cannot speak the name, and my
ferns are not here so I cannot
refer to them. It is now that I never
have collected till the time just men-
tioned. Is it not schizae?

I was not in the 'snowy
range' so only found frost here
now and then, but could see
plenty of snow on distant mts.
Pikes Peak was covered and Longs
Peak both could be seen from
the same point. the atmosphere is
so wonderfully clear. We have
very clear air here: from my window
I can see the entrance to the Golden
Gate and the beach beyond, plainly
when not foggy; and that is fifteen
and eighteen miles southeast.

The light from Point Benito is
plainly seen nights, and the fog horn
distinctly heard warning benighted
mariners from the rocks, within as
well as without the Golden Gate.

We had the pleasure of seeing
a whale last week - the first one
I ever saw - one of the small variety
known as a California gray, sixty
five feet in length. There is
much of interest over here on the
coast - but I forget, I am taking
up your valuable time, and so
will draw this too lengthy epistle
to a close. I am so glad yr.

are from Russian river vicinity. The Dry Pines and Polypodium are Polina's

sent me *P. Scouleri* for I never had seen any of it. Your specimen of *P. folcaum* I think is the same of one given me from Oregon the print so printed, is that the only difference. Kind regards to my botanical friends.

Respectfully yours
E. O. Felton.

The Mrs Merrill you have mentioned once or twice may be one that I met at Brownsville. I think, one year ago last winter. There was a gentleman there with two other gentlemen looking at mines - they visited Hansonville and remained over night at my cousins, and the Mrs Merrill appeared interested in ferns enough to take down the names of one or more that he had found, and with which I was acquainted. He was from Boston and I regretted so much not having asked if he knew you.

Later I have put up a pkg and sent a few poorly pressed ferns I found that I had

me that he had none, kept no specimens - gave them all to the Academy.

But I have not given up all hopes yet, may come around the old gentleman yet. Wait till I get hold of something rare then he will exchange perhaps. Here I find *Pteris aquilina*. *Polypodium*, *Adiantum Chilense*, *Hymenogramma argutum*, also the lady fern *Aspid. monitum*, and in one place only, *Woodwardia*. You see we have not a great variety.

Did you get the note I sent from Colorado? I hope you did, for I did not find many ~~and~~ kinds and only two abundantly. Oh wish you could see those wonders - the mountains - had I gone one month later I would have brought more treasures away with me, but it was too early. One ramble I took of three miles, over the mountains where we could see Denver eighteen miles away I enjoyed so much.

Delphinium was in bloom, and stood
up boldly in the breeze. Tulips were
just coming up. Crocus in abun-
-dances and a number of other
flowers were out. I found an
abundance of one fern, Cyrtopteris
or Woodwardia. I was not sure which
it was. I gathered a good deal of
it and sent you some of the roots
in May, the latter part. The week
before I had been down to Manitou
then I found a few Chilanthes
a couple Pellaea, and in going
up Ute Pass abundance of what
I took to be Notholaena. Oh how
wild I was when I saw the latter.

I clambered up a break neck
rock - could see tufts of the ferns
way above my head on the face
of the rock that I could not reach.
Brought away my hands full, but
they are so brittle, half were ruined,
and I could not get them in my book.
Did you get the roots I sent?
I am provoked with myself that I
did not stay longer in the mountains.

Dear Mr. [unclear]
I have been so
long since I have sent you a letter,
that I feel quite stranger like as if
it had been decades in the past to chat with
you. I am back in my
old home where our acquaintance
first began. Your last letter reached
me some time ago. I am in the
Coast Range. I received a
response before this. But I put
off writing till I got where my
pens were, and now I am going
to do what I promised.
I have been moving around
a good deal in this last two
months, and I can only wish that
you as well as all lovers of natural
scenery and beautiful

Heartley. Suspension bridge, etc.
and if you find nothing, there
which corresponds with the
quaternary wood, etc. but I ask
next to me, & you will be
wondering why you ask her,
she will readily.

essent. it is the same & the same.
Woodia. I think we must give
the same name to the same species
and I should be very glad to
do so. I am not going to
give a name to the plants
which I have seen, but I
will be very glad to hear of
them if you have any.

I wish to see you some
time. I am not sure if I
have two or three specimens and
if you have lost any, I will
give you a new one. I get very
tired of my work, and I wish
to have the best of you.

Tell your friend Mrs. Merrill

the same. I am not sure if I
have two or three specimens and
if you have lost any, I will
give you a new one. I get very
tired of my work, and I wish
to have the best of you.

me to go. I am not sure if I
have two or three specimens and
if you have lost any, I will
give you a new one. I get very
tired of my work, and I wish
to have the best of you.

of the weather has been good
up here, in the

I am going to send you a picture
has told you with me as soon
as I can get them after our sails
begin. We usually have a pleasant
spring and fall. The hills
are going to be located in
the hills and now the next
one is another ten miles north
he says, and two or three
hundred feet lower altitude, than
the last which is twenty two hundred
feet above sea level. We
near Big Rock and hope to
find plenty of fossils. Though I
fear I afraid you got in Berlin
with your fossils. I am rambling a
little but I will wait to. I have
undoubtedly been presented
the fossils getting well known. It
was but a

I begin school in October

and I am to write him
how you may direct your next
letter to him, as I do not
know where he is at present.
I am what you be.

by which it could be managed,
I could say, and though not mac-
ing a fourth of the distance, and,
cant to be some appointment, some-
thing not laborious - entertaining the
passengers come to think I have not
good in it. I wish to see a good number of
botanists. I'd be a good worker, if
my knowledge was not very great.

Oh dear! I wish I could get 100
and give lots of nice specimens.

Excuse me for all this talk
about myself - you'll think me a
"garrulous" old woman (I am fast
approaching forty) I am sure.

I went to Brownsville two weeks
ago, and sent you a memento of a ramble
among the rocks. Did you get my box
of chestnuts? I have some pressed up
just there for you, and will send them
in time for Christmas. Tomorrow I take
a ramble on that rocky point that
I wrote you of visiting two years ago.
Come to think of it, it is 4 years ago.
I mistake not myself I made that visit
Sunday A.M.

I made the visit planned, and have
you some gracillimas. I did not find
the rocks as beautiful as on my previous
trip. We have not had as much rain
the past fall, and the maiden hair is not
near so advanced. The Cyclopteris is
not perfect yet, so I would not gather
it but will go again in about a month.
There is very little of this last. No foot

I can find no one who has any greenbacks, so
must trust to your confidence in me, and giving
me gold. I am going to see a doctor and get
him to give me a prescription for my
eyes. I am going to ask you to
get me for me. I want it, for
my eyes are getting worse, and have
heard that friend with red eye
that instead of curing
ward the glass good, no matter
what the case may be, if it is
only something strong enough
to protect the glass, should
it slip from the pocket, or
get a neighbor's hook
Will you get me one, and

Crozier, George Dec 7th
Liba Co real 1891

Dear Mr. Crozier,

I am going to

ask a favor of you and will
come to business at once.

I want a pocket magnifying
glass, and as I am not situated

as that I can select one my
self am going to ask you to

get one for me. I want it, for
my eyes are getting worse, and have

heard that friend with red eye
that instead of curing

ward the glass good, no matter
what the case may be, if it is

only something strong enough
to protect the glass, should

it slip from the pocket, or
get a neighbor's hook

Will you get me one, and

thus oblige a country land holder.
I won't limit you in price, but
suppose it won't be over two
or three dollars, and if I can get
some paper money will enclose
some in this. If I do not send
any it will be because I cannot
will you be so kind as to advance
the money, and send the glass
at once, ^{to Hendersonville} for I want to very much
and just as soon as I can get
it I will forward \$2.00 and if it
costs more, will make it right
as soon as I hear from you.
So much for Christmas and a merry
Xmas -

And I get your letter. So
be sure I did and was glad to
hear from you, and accepted
the gentle rebuke. (though none
may have been intended.) I did
not mean to complain, and
when I compare my lot with

many of my friends, think, I am
highly favored. Indeed I have
been favored all of my life, far
beyond my deserts and far more
than most orphans are.

Adopted by an uncle, and
cared for by him as his own child.
I was brought up in comfort and
ease, but he losing his property,
or rather becoming greatly im-
barassed a few years ago, I went
to teaching. My uncle died four
years ago, and though I have
many friends who offer me homes
I prefer to be independent, and
as can gratify my longing for little
trips now and then to spots, I desire
to see. Just now I am thinking
so much of that trip around the
world on board of that ship I
forget the name, and if only
had the means would go quick.
Don't you know of some way

²⁰ We were in the morning in but
his one spot, hiding under
a shining rock, in front of
the cascades near. I'm weary
to-day after my horseback ride
eight miles, and climb over
a rocky hill side. There were too
many yesterday, and I did not
find *Chilanthus* plenty, and my
friends hurried me, so I don't
feel satisfied with the result of
my ramble. I will go alone sometime
and get you some nice roots if possible.

Chilanthus grow in crevices where
there is not much soil. They
appear to like contact with the
rocks, and the roots are quite difficult
to get.

You speak of *strychnins*. I
never have found any in this
state. Should be glad to read
your articles on B.-s. I should
like much to have this new

work on yours that is about
to be published in numbers.

The prospectus does not state
when the first number is to be
ready. I could get one or two
perhaps, to subscribe, but your
is a couple too many.

Winter, no doubt is flinging
his mantle over your landscape
and possibly your hills are wrap-
ped in snow by this time, while
here, everything has still a
summery look now and then
a tree with autumn tints is
to be seen amid our evergreen
hillsides. Once in a while a frost
reminds us that winter
is here, but still one hardly credits
it when surrounded with blooming
roses and trees clothed in summer
dress. Please send the ferns to
Brownsville (those you spoke of sending
and the glass if it will not be too much
trouble to get it for me. I expect to be there
during the holidays and believe me gratefully
yours E. O. Tatton.

the window outside, smiling
upon the incoming year.

Thanks again for your
remembrance. I did not
know that I had a poet
friend at the "Hub", but
I congratulate you for
your success in use of the pen.

Good by, and a Happy
New Year -- Very many
of them.

Sincerely,

E. O. Seltzer.

You won't require a
magnifying glass to read
some of this. I have had
quite a trial with pens.

1
Brunswick, N. J. 28th 1877
(My Dear Mr. Seltzer)

My dear
valuable package came to
hand to day and many, very
many thanks for the contents.
I prize the paper or Botrychium
very much, and appreciate your
kindness in remembering me.

The glass came this morning
after Christmas, and is just the
thing. It gives entire satisfac-
tion. I can assure you, both
to myself, and to the friend
who received it. And I feel
very grateful to you for taking
time to hunt it up, and
also for the confidence in me
in sending it.

Enclosed, please find the

the balance due, \$1.75. I can
only come near to the change
as we do not often see postal
currency. Don't trouble please
about the extra quarters. I presume
you spent some on car tickets
as it is all right. (And) I want
to say again how thankful I
am for all your kindness.

The ferns came safely,
and, what a lovely little thing
Notholaena dealbata is! How I
would enjoy finding it. But
I think I am too low in the
foot hills for *Notholaena* of any
kind, don't you think so?

How I lament my carelessness
in not getting more of those
Woodwards. It is as easy to see
how we might have managed
when too late to remedy the
matter.

I want to tell you of

a present which came to
me these holidays. for I know
you will congratulate me in
your heart. The ^{set of} Botany of
California by the Geological
Survey - a six dollar
volume. so you may know
it contains some reading.

The stage is expected
momentarily, and so I
have no time to write.
Excuse haste, I wish I
had more time to write.

I am going to send
you some pressed *Chidanthus*
within a week, unless I
delay the package in
order to put in some new
ones now growing a mile
from here that I am going
for this next week.

We have no snow, and
the roses are blooming by

uncomfortably expecting the stage, &
well remember beginning it at night
and owing to an interruption by company
could not finish it, and in the morning
completing it with three or four hurrying
me up, so the stage was due at
eight or near that. I thought of
writing again as soon as I should
get back here, but my resolutions
were ended as so many dr. I was
much pleased with the plan you re-
spected. It is much more profitable
than mine. I must apologise for
not sending the package, I could
and I have no excuse to offer but
that of procrastination. I did hope
to send some more *Chelanthus*
while at B.ville but I was ^{marked} sick
when I went up and did not
go out on any rambles. I expected
to make a visit up there this
week, but I am has prevented
but next Friday if not so any.
I shall go to my cousins and will
then do you up what I have
and send them along. Excuse me
please for not doing as I promised
I'll try not to do so any more - till
next time maybe. Of you

1
19- June 11/9-78
My best of botanical friends
Your letter
of the 8th inst. has just reached
me and how can I make you
understand how I value your
kindness in reference to the Fern
Book. You are very kind and
of course I will try, thanking
you heartily for the interest
shown and in the many ways
you have since our first
acquaintance began.

I am sure of one subscriber
for the Fern Book and have
no doubts but that I can
get one more to begin with.

I judge from your letter
that the first number has appear-
ed, is it so? Have you it?

How could you think I had
taken offence! No indeed more
fear that I shall at any joke
on age, or anything I think you
capable of joking upon. It
was haste that caused me
to overlook your penciled note.

But still I alluded to my best
friend and that was the
letter referred to. I guess, now
I been overly sensitive, I should
not have mentioned my age
probably - No need of telling
you that I was nearly forty
when you were not near
enough to see the "crows feet".

So I beg if you not to fear
that I shall "misunderstand" you
or be on the lookout for some hidden
meaning. I think we would be
very good friends were I near
you, (did I not annoy you too
much with my ignorance) and

you would let me come and study
your specimens, or botanise with
you now and then. It is ever
realize the "dreams" of their youth
and yet "chime the cloud the sun is
still shining" and "into each life
some rain must fall."

I am very glad if by giving
you a glimpse of this land of
hurricane - just now it happens
to be of mind - I have ever driven
away the "Blues" that dismal &
all diemals. I guess none of us
get along without those blue tints
surrounding us now and then.

You have blue glass in Boston
do you not? Have you hung up
a price in your finery? It might
revive those drooping feelings
mentioned as struggling for existence.

But to come back to my last letter, I
think if you will look at it again you
will find that I wrote hurriedly. This

to Brownsville and I am too apt to
write too long letters to my friends
when I ought else to do.

I do not remember whether I said
what I ought to of my return to
Colorado from my last letter.
I know that they came safely. When
I get time I shall write you.

No fear of your
loss of this miserable correspondence
but no such good luck

as going around the
world - but we want to, and
would willingly take it
if he could, I am thanking

you for the most delightful days
at home when I was and
am for the new and new.

Thanking you again for the
pleasant letter, paper and
all else, and indebted to you
for the way you have
the present

the number of letters
come for distribution.

5th
I particularly desire any specimens
from this locality (altitude
about 21 or 2200 feet) let me
know and I will be most happy
to send you them. Our Mangonita
is in bloom. Wish you could
see a bunch as it stands amongst
the pines and oaks on the hill side.
We have had delightful weather
until the past week, but Wednesday
a storm came that made my horse
stagger (by the way I ride to and
from school) under me. The
wind blew furiously, and the
rain came in torrents. A large
tree fell across the road, one
or two minutes after I passed
the spot, giving my nervous
horse quite a start. It was
fortunate for me, and for you -
as you would not get that
package of Philanthus - that
I was riding rapidly on
the "Cape", as Californians say

I feel guilty every time I think of the time I am spending here
and wish I did not send. May the letter be better than
the one I am sending. I am sending you the letter I am sending you.

But I must tell you of the lonely rocks
that I pass daily. They are covered
with lichens - a dozen different kinds
on some of them, and "boulders"
with *Gymnogrammeae* and mosses
would you not like to rest your
eyes on one in the midst of
your bleak fantasy? Wish you
could. For every storm they brighten
and look at me in such a
human way that I feel uncomfort-
able reminding me of stoofish.
They are alive I shall believe.

I have you to thank for a paper
arriving with your letter. The Bulletin
I have read it with interest - and
am sure that the package of Schism-
thes I lost at the hotel at Bartlett
Springs was *C. viscidifera* may possibly
have been visited. I wish I were
indeed a creature who could fly
at times to the "canyons and"
scale the mountain heights. I

7th
would bring home trophies that
could light up the eyes of the
"wise men of the east" - Now at
the "club" for instance. But I am
only in the "hot hills", at my canvas
there is a hill that is
four or five hundred feet above the
bed of the creek - and no ferns that
are rare, to be found on it I do
not believe.

How exact those drawings
are of your *Botrychium*s, I think
number 17th must have been copied
from one I have here - Did you
visit my collection in the night
winning the spirit for it?

I wish I might find some plants
but I look in vain for them here.

I must bring this too lengthy
epistle to a close - excuse my
saying so much that is of
no interest. But this is my
lonely time - when I can not stop.

to make parable of peccomen, any of the years past
that I could send in the way you suggest.
I know of no one at Bartlett Springs that would
know where to find any of that Chinantle, &
might not be able to find any more like the one
bunch I had, and was describing to you. I would
carry off, but if ever I go again, shall visit
the rocks, not acquire. Or, I will, not go to do
I want an eagle wing. They are strong, & will
take me to cliffs beyond the reach of my weak
hands and feet. I wish you could see my
front flower. The plant stands up in the night
and, by sunrise the following morning, it has
three inches high. By riding you will see spots of
of white trees and, as the day warms the air, they bend
down and lower, finally laying down close to the
be expected, as a few. My concern is to
me for writing this long letter. When I have had many
unanswered letters - older date than yours - but I could
not let this few (strangers should be tempted to) be wanted
over my desk.

So here I sit,
the reading in
and most of it
along, early in
can collect it

Respectfully
Yours
E. Palmer

3-18th, 1898

Dr. Wm. L. G.
Julia W. L.

Dear Mr. Carpenter,

And have I at
last found something to make you
open your eyes? Is it a *Chilanthus*?
It looks like my specimens of
California - but I have not them
here and so cannot compare. I have
not seen it growing, but know where
it is to be found, and so am sure
of a lot of it. Yes, you shall have
some when I make my raid into
the edge of Santa County. A friend
has just brought me it, and
in two months I shall be out of
school, and then over this I go.
But I don't think I will have
to wait as long as that, if promises
are kept & shall have a lot brought

to me. Did you feel your ears
tingle last Saturday? I always
think of my few loving friends
when feeling, and last Saturday
I had a genuine tramp over one
of our little and such quantities
of *Colletes andromedaefolia* did
me that I wished all my friends
were there with stacks of magazine
to carry away treasures in.

I must tell you that I have after
lot of *Volled* Gymnograms and
Chilanthus for you and will add
G. Andre's. Did you get the
note I sent two weeks ago?

I had just been to Rocky
Point, my old, lovely spot that
I wrote you of long ago, and
came home laden both ferns
and posted you a few with a
bunch of manzanita flowers.

Lee & can send you a
case of manzanita wood, but

not at once. It ought to be
seasoned before shipping, but I think
I can get it there by the time you
need it to lay upon to support
you. Collaring, tips, &c. begin
to feel shaky already and telegraph
and I will hurry up!

I have secured Part 2nd but not 1st
of the Fern Book. I like it, still I think
they waste too much paper. I have
one subscribed ^{and have sent the number} to you and if they would
take one for a part, one for five
numbers, and possibly more than
five. I am ashamed to send
you unpressed specimens of our
ferns, but you shall have a good
package by May. And I must
tell you that I descended to the bottom
of that ravine and brought away
some more *Cyrtopteris*, so you
will find a few of them, though
only a few, in the coming packages.
I doubt if you could find us as

Accept, please, my sincere sympathy in your bereavement. I know from sad experience what it is to lose loved ones, and how hard it is to live without that loved one. But time helps and the Good Father loves us all the same if we do bereave. Oh what a lovely world this is in spite of the sad again coming and going each year. I presume you are not quite released from the chilly grasp of winter while we are not in the lovely spring, speeding away toward the summer land. How I wish you could see some of these ravines. Why is it that those who would enjoy beauties to the utmost are so frequently denied that gratification. I believe you one of those who would enjoy entirely the beauties of this country. I must tell you that I have just had a visit from my highly prized friend John Minis. He is such a different man from the ordinary man. Pure and noble.

Cal
Bolinas Marin Co
Mar 18th 1899

Dear Mr Davenport

I had no idea that your letter of the 4th of Oct would lie unanswered till March. But it is even so. and though not quite six months have elapsed, it seems to me as though a year or more had passed away. I was taken sick in Dec and for three weary months passed my time in the house (with one or two rides, at the latter part) and for over a month in bed. Lung fever laid me up and kept me very weak for a long time. But I am now again taking interest in my old pursuits and have

Finally got around to your letter - when I have been longing to get for some time. My botany has the most of interest to me now of anything, and I find myself wishing I could see you, and ask you so many questions. Your paper on *A. spinulosum* was read to me by an affectionate cousin while convalescing. How does you make your descriptions. I wish you would write up our California ferns. There is such a lack in giving peculiarities in the California botany, do you not think so? You, not being familiar with our plants would not notice the lack as much as we do still it is very evident. Prof Eaton makes the *Adiantum* growing here *marginatum* in the last fern book, and it corresponds fairly with his description. I had supposed it Chilean

but have not been able to compare any of my Cal. Co. specimens as I have none here, presume they are Chilean. As I have not seen *A. pilosum*, but hope to get some from a lady in Santa Barbara Co. as she writes me that she has nearly all of the Cal. ferns and wishes me to send the Cal.

I am going to get some *P. falcatum* and *C. Cooperae*. Do you want a nice specimen, or are you supplied?

How is *Polypodium* coming out? Are *P. intermedium* and *californicum* the same? think you? Have you given up this study?

Did I send you *P. Scutellari* which I found on Point Reyes in the fall? My how thrifty it grows there. Thousands of it! I was there last fall. It is ^{only} thirty miles from here.

Your studies must be a great help to you in driving away sadness.

Dear Sir,
 I will send you
 the result from
 the
 falls
 as
 you
 requested
 when
 I was
 there.
 You
 will
 remember
 that they
 were
 mislaid
 when
 I left.
 My
 ancient
 brought
 them to
 me.
 I enc.

So you remember the *Elleis* that
I sent you from the mountains, quite
unlike *mucronata*. was it var
brachyptera? What is *longimuc-*
ronata? I saw the name on a new
catalogue.

I wonder if I told you that I went to Santa Barbara last Oct. I do not think I have written you since then. I found *Chiranthus Californicus* there, and tried to find Mrs Cooper but she was east while I was there.

Now I shall hope to hear from
you soon. I am going to Gula
County or to Oregon or some
place else this Spring and if
you do not send me that

promised letter. (You said you
would write again in your last)
I may not send you any of the
fine, rare plants that I may find.

You see how very expecting I
am beginning the year, & beware
for I know you want some of
my far away treasures - or will.

You ask how I came out with
"Ferns of N. A." I got four names
but the fourth was for five numbers
and, I do not know whether he will
take the rest or not. I have not
heard from him since. Last summer

I have received the numbers up to
the present time however.

Excuse my long letter if it seems
long to you. and good bye for
the present.

Truly Yours E. D. Pettou.

L. GIBSON,

1827 Market Street.

San Francisco, August 11th,

1879.

I am wondering how long ago it was that I wrote you, and tell, I cannot. I find that in moving about as I do of late that my memory fails to attend to its duty. This trip north has filled me with many pleasant memories, and I have sent off numerous packages of lovely mosses, with now and then a fern root and pressed specimen, with postal card more frequently than letter; and now I cannot recall to whom some were sent.

I know I mailed more than one package to you, but whether a letter was written I cannot tell and did I send you a delicate fern somewhat like a *Phlegopteris*? I found some resembling *Aspidium argenteum* but so delicate, more like the *Phlegop.*, fruit not well developed, and meant to send you some with the *Lomaria*. It grew on logs near Seattle, and in Linn County Oregon. The *Lomaria* in Oregon and

Old Oregon to have a report out this way. Market. It is worst than I thought each other. I am back with my cousin here for a time, and you may send your next letter to the place. And should you send a card, please to the place. I shall be happy to attend to every thing you would like to give me. I shall be happy to attend to every thing you would like to give me. I shall be happy to attend to every thing you would like to give me.

near Olympia W. T. I believe in every place that I gathered
it. I found it on logs. Those specimens from Seattle were found
in a hollow in very moist ground. You were with me many times in
the same place growing, and I wish you could have enjoyed
them in season. I want you a package just before leaving Seattle
the better part of June, you must have about all that I gathered.
Tell me what I sent and if you have not all I will try and see
that you are properly remembered. For I know of no one who will
appreciate my specimens more than yourself. How much you
rejoice in it of now tardiness about that came. I trust
you will be as slow in acquiring it as I have been in getting
them not in a section where Manzanita grows and have
not been since last summer. And in the meantime
but getting one for me has been getting so worried for the past
year and has been miserable for forgetting it I suppose. But
now I have asked another to get me one and I think
I will get it by Christmas, say. How don't you get bent and
pneumatic about them, will you? You must save yourself for the
big one, and to take out just some day. For you are coming.

I want to thank you for the pleasure you have given me in that letter
one of yours. I feel highly gratified with the result of your labor
I think you will find it very valuable, and only can ask you to
be it my value is as much as your humble correspondent. I have a few
friends who wish one and have sent your address, and with few who
send one dollar with two names which I am requested to forward.
I have done up a few more, keeping the numbers, and if you
will be so kind as to give me their names you will much oblige.
There is one more place as far as I know in the Cascades, and
who sent this to me wishing to know the name. I took it to be a modern, but
later, these are from the Dalles, Oregon near the city. Moses from Wash. Ter.
Keeps them all, as I will know from the numbers which is which.

I promise you some I believe this fall. If I keep well. I intend visiting
Point Reyes inside of two months, and with I will send you some
if I can. I believe I am going to find it in Oregon then. What do you think of it?
Are not my Oregon specimens? Did you ever notice the flavor of this water?
It is called "Oregon root" in Oregon and it is quite rare. And then as well
as in Wash. Ter. I find it in trees, more frequent, there are rocks. You will see it
way beyond your reach as it is more covered, this as you pass on the R.R. road
And I have no remembrance of finding it on the ground, and only in
some small, in clots of rocks. There are I know of but one place
where it grows in the. Have you ever seen a rock flower called *Calypso*?
I found it in Lynn Co. and in Wash. Ter. near Olympia. It is quite
pleasant in the better places, and oh how beautiful it is, growing out of the
meads. I had have been having sickness in your family - how sorry I am. But you
are enjoying health, quiet and rest in this, and wish you had. I believe
that that could transport you to one of our mossy woods on rocks
Canyon, where you could rest in peace to your hearts delight. I hope to
see you soon, and remain, dear friend, ever yours,
Chas. Patton.

or more from B. will -
and it was an affidivium.
but what variety. I cannot
now say. I have one, at B.
and I think when I go up
there I will have to send you
a package to look at. and
see if you find anything of
interest in it. But - don't
lay too much stress on the
locality. Mrs Hawley thinks
her plants came from. My
friend is careless. She is one
of those who - if you tell her you
think it is so and so, writes the
name without more questioning.
I like to be sure - to know a
thing, is quite different from
thinking it so, with me.

I will inquire about A.
aculeatum of Mrs Knop, but
she is east now. Which I

could step into your study and have a chat over
your and my leaves - it would be appreciated.
more satisfactory than any other style of conveying
information. I shall be
here for a month.
out mail
will always reach
me directed either
to New York or in Brown's
care. Co. as near
as possible when
you have
anything to say
I am always
glad to hear
from you. I am
so much from
the city. I am
in the city.
I am in the city.
I am in the city.
I am in the city.

Dear Mr Davenport

Sept 4th 1899

Enclosed
you will find two funds - the
only ones I can at present put
my hands on from my Battell
Springs collection. These I
sent to my cousin here and
she kindly lets me have them
back again. I have a few ferns
packed away here, and as
only came up from the
city yesterday. I have not
been able to look over my
packings away of last spring.
Still I have no idea that
I will find any of them here
But if I do, will forward some

more inside of two days.
Most of my ferns are at
Brownsville and I do not expect
to group them inside of a month,
and I do not like to have any
my hands over my plants, when
I am not by.

Prof. V. C. Eaton has just
written me requesting a specimen
saying that Mr. Taxon was drawing
a specimen collected by me, and
Mr. Eaton wishes one as well
as C. Fendleri for himself.

I shall send him some later.

If you can get along
with this, or if you do not
need them until I can
go to Brownsville I will
be glad to send you some
with roots - if I have them.

Since I came here
I learn that Pink Reyes

has been burnt over
and I fear "my fernery"
is ruined for this season.

But I think I shall go the
first of next month and see.

I fancy, as you do, that
Chilanthus lanuginosa got
mixed with those Cal. spec.
of Mrs. Stealey's. She is not
the most careful in permitting
others to handle her specimens.

When I was there, her books
with loose ferns lay in the
parlor in plain sight, where
a caller could handle
them - and it is very easy
to misplace a fern, by one
who even thinks he knows
where he took it from.

Mrs. Knox and I had a
fern given us that was found
at Hall River, some thirty

the falls of Fall river, that
I think is the same. I saw them
and meant to have had one
but it was sent to Mrs Hawley.

You will find a *Phygodium*
from Point Reyes - is it false?
The specimens that are common
keeps, but some of the others I like
like, as I have sent you all
I have so the best. Please
notice the *Aspidia* - the small
ones from near Quincy and
the Bolinas spec's. I hardly
know what I have put in
the pkge and have not
time to take them out. I
am so hurried. I only wish
you may find something
new in the *Cheilanthes*. I
have sent Prof Eaton orig's
with this, some specimens that
he asked for as well as others
that I think he will like.
He kindly sent me his.

Dec. 1st 1879

Brownsville, Cal.
C. S. Leal

Dear Mr Davenport

Pam 20

sorry that I cannot send
you a good package of roots
They are a mile away, and
it rains. They are up at
they "Fog den" in the hill side
and it is impossible for me
to go at present. I have put
up the best that I have -
robbed my cousins look
as well as mine to send to
you and Prof Eaton, and
can only wish I had more
complete roots - but in a
week I may be able to
go for some. I came last

week, and this goes with
the first mail this week. I
tried to get this off the mail
after I came but was hindered.

I have put in all of my
Bartlett springs Chula-tas
as I want you to return some
of them. Take your choice of
specimens for your study
and for your coll. and
for any special friends
friends however. I think
that I put (accidentally)
two or three fossils of the
B-springs coll. into
the paper marked Fall
River - please notice.

You will see that I have
done as I said I would
sent some for you to
look at. I think you will
find the Nevadensis.
I took it to be that when

I got them in '78. and I
have a fern that I take to
be *A. aculeatum* that
Mrs Kearns gave me in '78
that he col- ing or near
Plumas co. I will put it
in as I have not tied up
the pkg. I remember the
one Mrs. Knox sent you. When
we got home from our trip
I saw the fern she had
and asked her where she
got it. She said ⁱⁿ some place
coming home she picked it
but could not tell where.

She had not noticed but
that it was *A. munatum*.
But Fall river is some
ways from here and it is
too late to go this year.

But her brother found a
couple - or brought out a
couple from the canyon near

"Ferns of the North West."

I wish I had more time, but have not just now. Will see in the morning if there is anything in your letter to be answered.

Tuesday A.M.

I have tried to get some roots this A.M. from a neighbor but failed, I will send you some from the fernery here ^{in the} ~~in the~~ ^{yard} ~~house~~ but am not sure what they are or where they came from, as my cousin has set out roots that I have sent from various localities.

In haste,

E. & T. Elton.

Have had no time to look over your letters -

E. & T. Elton.

February letter about *P. folcatum*. I think
it does not ^{remain green during the winter}
~~not~~. But I will write a card this day
asking my cousin who has a natural
magnificent "rockery" a few rods from
the house. (The card is written.)

The root is very much like *Lignocera*
root, and the ply I sent you
from the trees near here last fall
tasted like the Oregon root. At the
same time I sent Dr. Eaton some but he
said those from here were not *folcatum*.

Now shall have some roots before the
summer is over and they shall be
my peace offering, and from Oregon
as well as here and taste for your-
self. Pol. Clem has not the clear *Lignocera*
flavor of the Oregon ^{slightly bitter} ~~one~~, excepting
those from the trees a few miles from
here. A friend who went to Point Reyes
to preach a month ago brought me
a few roots of *P. Scudderii*, and I
will send you one of the latter.

I believe I sent you the jag end
of my *P. Scudderii* in that last
package. It seems impossible to

Polinaas. Marin Co.
Cal May 30th 1880

Dear Mr. Parmenter

How dare you
intimate that my friend has
done anything wrong? I know
of nothing he ever did that
he ought to feel rebuked by any
amount of packages coming
to him. They ought to tell a far
different story if read aright.

My thoughts last evening
when I read the first half
dozen lines ^{of the note} led me to exclaim
aloud "You blessed man -
for you are blessed with
a too sensitive nature if you
can think my long silence
was caused by what you
mentioned, and I hasten to

to explain. I sent the last package
more for the purpose of getting rid of
them - and thinking you would
like them - as I was packing
up to come away and my trunk
seemed overburdened with
plants. How can you think of
blaming yourself when I told you to
keep a goodly portion of them?

Now I must acknowledge how
forgetful I am growing. I have been
wondering why you did not write
not remembering the letter which
came while I was in the mts.
and which must be in my trunk
with others brought from there un-
answered... Yes here it is - a broad
sheet unstashed. By far on the
last page and a half snugly
laid away with my ferns -
instead of being in its rightful
place - the desk. Careless I!

It seems to me that I wrote a
card from Chico where I went just
after receiving the package. Upon my
return I was much hurried, left
the following m. & and began
school here the next week, and
since have been very busy as I
am reviewing, preparing for
examinations in June. Am I
pardoned? And will you remind
my friend in Medford in your
good opinion and not blame him
any more ^{for} that - which he is not
guilty of? And also excuse me
for this lengthy explanation!

I am doing nothing in the
fern study now. My reviews out
of school take up all of my spare
time. I have nothing new to send
you or to write of, so what can
I say to interest you?

Now ask me in your last

California cucumber. Lift up the vine
and you will see what fruit that
mass of leaves is hiding, covered
with prickles, and measures eight
inches in circumference. See what enormous
seeds, we will dry them, and only serve in the
four rooms, I wonder where the others went to.

We will drive into the next morning between
the hills - View it is, and there is the
gate guiding us up to the house between
lines of rock and waving wheat. We won't
stop now, but when we come back Mrs. Nutt
will give us some of those lovely breads, your
tea roses, and that charming cloth, if gold. Oh, how
delicious this water is, right from Samuel's
probably, we will stop on this good road, for there
are a good many tangles down there for light
ramblers and few are the ferns. See the rocks
covered with moss and foliage down there, and
oh, the *Adiantums* and pretty looking ferns here.
The road winds around the hill and as the
sunny ravine the ferns are most plentiful of
any thing. We will rest here by this old tree.
Look over this bank are those not woodwardia on
the stream, and see the young redwoods, the fragrance
is delightful. We could stop a stone to the other
side of the ravine, but it would be a rough walk
to get there. We have found seven or ^{ten} ferns
upside them. We won't go home till dark and
then we can see all the lights at Point Bonita
at the entrance of the Golden Gate and possibly
at the Presidio. Here I will leave you with
to the breakers on the distant beach, filling

your lungs with this delicious air freighted with its many odors
and fragrant across eyes on the beauty of the vast Pacific. And you
are so far at night, and you are so far from the hills.
Try them nicely as they are so
fluffy. nearly every one have
tasted dark in the evening.
If you would like a sort of
Adiantum emarginatum. St. Cal
ifornia. It is a
one of the common ferns growing
and let me know, and I will be
happy to gather you some in my
rides near the beach. I have not
seen any *Chiantanthus* in this county,
but have not been in rocky places
in the hills proper, excepting, I am
and they seek now sunny homes.
Is not this *Calochortus*
lovely? They grow in the mesa
where they get the ocean breeze.
and it is the only one of the
family growing here that I
know of. I wish you could
see the hills now before this
northerly wind drives everything
up, and cover what won't dry
with the loose dirt that can be
spared from the roads. You can

judge of the season when I tell
you that the hay on this ranch
was cut and put in the barn
over a week ago.

You speak of your health not
being good in Feb. How is it
now? I can see that you are
depressed. Don't let worldly
care and troubles dim the
brightness of life. Leave it all
with the closing of the store door
and only take up the burdens
when behind the desk.

Each day visit some shady
nook in fancy if unable to
go in reality. Come with me now
it is only three miles. This buggy
is quite comfortable and we will
take the bay road and enjoy
the view out on the ocean. That
line of sand over there a couple
of miles away broken now and

then with hillocks topped with
green is known as the sand beach.
Go not that spray beautiful as
it comes up over the rocks at the
fother end when the willows are?

When we a little nearer we could
see a tent and three flags, for there
are some campers over there enjoying
themselves. Last night I was over there
(it is six miles) and saw six children
in the sand. Don't the bay beautify
now, for the tide is in and the
mud flats (the terror of inexperienced
boatmen) not to be seen. If it was
clear on the ocean we could see
the Farallones. Look to the left
now. See those *Pteris aspidium*
and in them among the poison oak
are plenty of *Adiantums*. That
vine is new is it? yes it is the
Yerba Buena, isn't it fragrant.
That mass up there is the

I send with this some ^{Aug 25th 1880} ferns from rocks ^{Bolinas}
overlooking the sea some fifteen hundred
feet above it, same as I sent you roots
of not long ago. The first roots I think
the first pkg. was from Oregon, Lin. Co.
The Polypodium I mean, and I marked
them Oregon. The other Poly's came
from rocks in Marin Co just over
the divide on the road to San Rafael.
Is there any thing I can do for you
in San Francisco. Am going down
in a few weeks. E. O. P. Please send me
names of the three ferns col. by J. Muir that I send
on pkgs. by oblige. E. O. P. Forget me. roots are in bloom.

Geo. G. Greenbank
8 Hamilton Place
Boston
Mass

WRITE THE ADDRESS ON THIS SIDE-THE MESSAGE ON THE OTHER



the roots of bark feel long
some of the. The pine you describe
is called here the "yellow pine"
by the lumbermen, and is one
year's growth. I think it is the
Pinus ponderosa.

I have some *Aceradenia* that I
gathered at Bruinsville in July
from my cousin's farm. It grows
closed by them in a warm soil.
I will send you some in a few
days. I have some a rambling
here, as it takes all the strength
I can spare to get it and from
my school. Not hard had very
warm weather during July, as
well as in August, and I have
not been very well. But as soon
as it gets cool I think I will
be in my usual health, and
if my school only closed early
enough should think seriously
of coming East, but the term

August 18th 1882

My dear friend,

Were you
amazed at the receipt of
that bundle I mailed
last week? That is
a medium sized soap
root. I had another, a
friend had dug for
me, that was nineteen
inches round and
the stalk was ten feet
long. The flowers open
about four o'clock or
later - bursting open in
a similar way to the

primmoxes, from two to
^{about five} seven, (seven being the
greatest number I have
seen in bloom at a time)
and I never have seen any
in bloom in the morning.

They begin closing
before ten o'clock. The
next night another
set of flowers open. They
are very delicate, but the
plant is not desirable
where flowering is to be done.

I want you to try its scaly
properties by taking one or
two of the scales or layers from
the ~~leaf~~ from which the hair (Cacha
hair, as it is called, used in making
mattresses), is removed and bruise
it in water. Rub it just as if
you were trying to wash away

and when the entire skin is
broken open with finger nail,
makes as beautiful a tissue

I send you one stick
from a manganita in its
natural state thinking you
might like to immerse it in
a knife. The shrubs in the
woods are of just that
color before the bark begins
peeling, and as the bark
rolls up the inner is seen of a
greyish, greenish hue but the
same color under it to the stem
as you see it and so it
remains till it is cast aside
for the new suit. The manganita
and manganita have both
been getting new clothes in
the last month, and the
ground is covered in spots

would not be before her.
and then it may be too late.
and if we have an early winter
I should not want to come to
your frozen climate so late.
I sent an order to the P.E. that
my mail comes for any registers
to be sent to me, that
should come. I do not take
either the Gazette or Bulletin
and accept with thanks your kind
offer of your spare numbers

My forget-me-nots are still
living and always speak of
my Boston friend when I come
near them. When at Strawberry I
took some there, and and this
year I brought a root here, so
that in three places in this county
there are growing your lovely flowers.
I drew off the Bolinas slips.

Your little poem was read over the
second sitting-out of some here, as
the first was growing finely and

and be in bloom all the
year. I hope you will
come. I cannot realize the
flight of time either. How soon
more swiftly the years pass often
one has reached one or two
of the milestones on life's highway.
I then I look at some of those
who were little ones when I first
taught in California, and who
now have homes and a "little one"
of their own perhaps. I then realize
that I am not as young as I was
ten years ago. The grey hairs are
increasing each year, and soon
I shall be a bent, grey headed
rheumatic old woman. I then sud-
denly appear before you saying
I am from the "Sierras" you will
at once recognize me. I am sure,
will you not? Yours Sincerely

E. D. Walton.
Aug 20th finished at home.
"but" began at the school house.

I wish to look, in the Hum yard which has a great deal of shaded and damp ground. On the very N. west wharf of it, I think to the N. in the midst of a great many beams or logs and partly under them I remember a rather large fern, last year; I have not looked for it. I think you could find it in a few minutes if you wished. I believe there was quite a large clump of it.

I will end this letter as I began my other which was mis-sent, by saying that I intended to answer your letter sooner but was prevented by an accident to my eye which was so sore in consequence that I felt obliged to rest it for a couple of days. If I can answer any further inquiries you may wish to make at any time, I shall take pleasure in doing so.

Yours very truly

Chas. E. Perkins.

o Spradview Ave., Somerville.

Somerville, Oct. 15th/88.

Dear Sir,

I am very much obliged to you for so promptly returning the letter which I thought I had sent to my sister in Connecticut. She must have received the one I wrote to you at the same time, but instead of waiting to receive it I will try to reproduce the substance of it here. I am not well enough acquainted with some of the ferns to answer your inquiries satisfactorily, especially with some of the genus *Aspidium* and I am sorry to say that while I know the greater part of our ferns *Asplenium Filix-foemina* is among those about which I am uncertain. I do not know the ferns thoroughly in this vicinity though I have many specimens collected, and labelled with the locality, date, &c. which I intended to study when I had a favorable time. As to the ~~at~~ ferns you ask about though as I said above I can not speak accurately without some study of my plants, yet I think they ~~some~~ or all of them grow nearer than Glenwood or Everett, as Dolly Swamp in Somerville, the Boston & Lowell R.R. near Win-

In this station, the Fern Meadows (though the p[er]s[on]s are - - - - - than Everett), and the rocky hill at the
W. side of the Somerville boundary near the old turnpike (Mey-
- - - - - Ave.), have various ferns. I have specimens from these lo-
cunities. I am sorry I cannot give you better information
yet. I have a number of specimens of fronds from the
prison walls which I hope to hunt up in a few days and
send to you. Two of them were particularly puzzling to
me when I gathered them more than a year ago.

As to the pubescent fern you spoke of, I think it may
have been one that took on the pubescence on account of the
low temperature of the place which used to be half sur-
rounded with water. I have had very striking ex-
amples in my jarret of smooth or nearly smooth garden
plants taken in for protection in the autumn, which took
on gradually a thick coating of long hair. Several
different species did so. I do not know whether ferns
were ever cultivated. In answer to your inquiry about
the plants growing in the yard, I will say that I have
seen nothing remarkable there the last two seasons, and
that the original soil, which might have had interest-
ing plants has been covered with a deep layer of soil

and rubbish for a large part of its extent. I think
the building is to be torn down; it was intended to
be, I am sure, and if you care to you might secure
living roots of any doubtful or dep. uperate form, and
grow them this year in good earth to develop their
character more plainly. I think you may find better
results if you should take a basket or some other
convenient thing and gather the fertile and withered
fronds of some of the ferns which a few minutes im-
mersion in a pail of warm water would restore to good
shape for pressing though still wanting in color. I have
done so often with withered ferns and am surprised
that I have not seen the practice recommended.

I have noticed ferns growing in so many R.R. bridges
(some near Boston) that I was not so much surprised at
seeing them on the prison, and think you may find some
other stone buildings near Boston or in it next season with
things to interest you. The sides of some ice-houses have
ferns and many other plants growing in the cracks between
the boards. A striking example is the ice house on the
N. side of Spy Pond on the branch of the F.R.R. And
very possibly you can find several species of ferns

University of Vermont.

Burlington, Vt. December 23 1873

My dear Sir

Your letter inquiring
about *Crepidulus spinulosus* Sw. is before
me. In reply I may say that I can get a
plenty of what I have always called by the
above name & which answers the description.
I may be in error in regard to it. I have now
no specimens that I can send but can send lots
of it next season if it is what you want. It
is now several years since I have paid any very
close attention to Ferns, except to cultivate them,
& I am rather rusty upon the subject. I have not
Swartz's description to refer to & so can not be
sure that I have ever found the true *spinulosus*.

as it may all be var. *intermedium*, we have
also the other varieties, *Bortii* & *dilatatum* here. My
chief work is in Zoology, though I am greatly
interested in Ferns & formerly spent some time upon
them. I shall be glad to help you if I can. I think
I can get the *Batzschian simplex* in the summer
but am not sure of finding it. I have on hand
no duplicates now but if you will write me
in the summer when I can collect I shall be
happy to be of service to you. I doubt much if
Asp. Lancastriense be anything else than a form
of *Asp. cristatum* as that varies somewhat &
might approach a form like *Lancastriense* readily to
think. I am sorry that I am at present
unable to help you. I can get in abundance the
following species which I would like to exchange for any not
in my collection I have all that you have marked & a mass of the
others marked - *Campylasorus Phleganthum*, *Pellaea gracilis*, *Aspid.*
Goldianum, *Aspid.* *spirulacundus* 2 & 3, *Aspid.* *triquetrum* - *Aspid.*
Murana.

Yours truly

G. H. Perkins.



*Chambers
Studio*



17 DEXTER AVE.
MONTGOMERY, ALA.

Hon. J. M. Peters

Moulton, Ala

Photo from portrait in State Times
Montgomery, Ala. 12 June 1896

57
H 1
Monton Ala

Decr 15. 1873.

My Dear Sir.

Yours of 28th ult is recd. It always affords me the greatest pleasure to be of use to Prof Gray or any of his friends.

I put in the mail with this a small parcel of *Trichomanes Petersii*, Gray & *T. radicans* Lütz. I have never found *OphioGLOSSUM nudicaule* in fruit here. Nor have I found *O. bulbosum* at all. I shall be away from home this winter, at Montgomery Ala. until March next. As yet *Asplenium myriophyllum* has not been found here. I have only heard of it in Florida. But I will come back to your requests next spring, & do what I can to aid you. Your friend,

Thos M. Peters

Geo E. Davenport

Boston, Mass.

P.S. Oh! I forgot to say—I am not a Dr only Lawyer.

H

Montgomery Ala.

Jan. 26. 1874.

My Dear Sir.

My wife sent me yours of
24 Dec ult from Home, which
reached me to day.

I am pleased that the fern
sent before leaving Home pleased
you. The *Ophioglossum* I mentioned
is not *O. bulbosum*. The root
is that of *O. vulgare*, I think.
I will however send you some
living plants in the summer

and by Cultivation the truth
of the matter, ^{may come out} I have two or
three set out in my garden,
which, if they live, may devel-
ope fruit there.

I shall be here till the
end of February 1874, when
I will return Home. and will
write you again from there,
& advise you what Herbs I
would like to have

In future I will
avoid offending against
the Post Office Laws and
Regulations. I believe, before

the Rebellion, I consulted the
P.O. Department about send-
ing Botanical Specimens by
the mail, & I some how
though I learned that they
might be sent with Labels.
I think I have sent 1000s in
that way. But some times,
as we grow older we get
wiser. The Department per-
mits bulbs & seeds & shrubs
to be sent in that way with
names in full. Yr friend

Thos M. Peters

Geo E. Davenport.
Boston Mass.

Moulton Ala

March 12, 1874.

My Dear Sir,

I returned Home, after two months' absence, on the 6th inst, and very acceptable packages of new & handsome Ferns with your letter of 2nd March 1874 met me there. They afforded me very great pleasure.

I am getting a little old & much too worn in the duties of my office (Judge of Sup. Court of Ala.); but I am spared in health & leisure during the summer & fall, I will endeavor

to collect and send to you
a full suit of all the Ferns
known to me in North Ala.
I will also send you a living
plant (or rather several,) of
Ophioglossum vulgatum? L.,
in May next. Or any other
living Ferns or other plants
you may wish, or any thing
else here within my reach,
that may be desirable
to you.

Very truly your friend
Thos M. Peters

Geo E. Davenport
Boston
Mass

Moulton Ala

Oct 9, 1876.

My dear Sir

Yours of the 25th Augst ult reached me on Saturday last, the 7th inst. I reply by mailing with this a package of *Asplenium ebeninum* var *minus*, Hooker. And with it I send also a small supply of *S. Petersii*, Gray and *S. Richardsoni*, Schwart, & *S. pennatifidum* Nutt. which I hope will reach you safely.

I have no *Chelanthus Alabamensis* — I have never been able to find it in this part of this State. I have not had time to search for it on the Tennessee River where it is said to grow — If I find it I will remember you.
Very truly

Thos M. Peters

Geo E. Davenport
Boston Mass.